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93	Letter of Ramsay Hoguet to Mansfield Ferry, office A. P. C., dated April 1, 1919	II	1193	I	281
94	Order of Frank L. Polk, dated April 5, 1919 (Same as Exhibit No. 4 to Answer)	II	1194	Rec. I	554

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96	Page of Individual Trust Ledger, A. P. C., account of Abraham Kranstein, Trust No. 36501	II	1276	I	284
97	Memorandum from Asst. Secretary of War to Chief of Ordnance, dated February 12, 1919	II	1288	I	285
98	Letter of Ramsay Hoguet to A. Mitchell Palmer, A. P. C., dated February 16, 1919	II	1288	I	286
99	Letter of Capt. W. H. Swenarton to Major A. M. Holcombe, dated February 19, 1919	II	1288	I	288
100	Letter of S. Whitaker, Asst. General Counsel, to Ramsay Hoguet, dated March 7, 1919	II	1289	I	292
101	Memorandum of Mr. Whitaker to Mr. Garvan, dated March 7, 1919	II	1289	I	292
102	Letter of B. Crowell, Acting Secretary of War, to the President, dated March 13, 1919	II	1289	I	293
103	Memorandum for the Acting Chief of Ordnance, from B. Crowell, Asst. Secretary of War, dated March 11, 1919	II	1289	I	294
104	Memorandum for Secretary of War, dated March 13, 1919, approved by the President	II	1289	I	295
105	Letter of Ramsay Hoguet to G. H. Dorr, Asst. Director of Munitions, dated April 4, 1919	II	1291	I	296
106	Letter of Rudolph Forster to the Attorney General, dated June 2, 1923	II	1292	I	297

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108	Memorandum from Major A. M. Holcombe, for Mr. Dorr, dated April 14, 1919	II	1293	I	300
109	Letter from Captain W. H. Swenarton to Lt. S. H. Graves, Administration Division, Patent Sec., dated April 16, 1919	II	1313	I	302
110	Letter of A. G. Glasgow to G. H. Dorr, Asst. Director of Munitions, dated April 21, 1919	II	1316	I	305
111	Memorandum from Major A. M. Holcombe, to G. R. Dorr, dated April 25, 1919	II	1316	I	306
112	Letter from Douglas I. McKay, Vice-President of defendant, to Chief of Ordnance, dated August 19, 1919 ...	II	1317	I	307
113	Letter of W. H. Swenarton, Major, U. S. A., to Major D. P. Gaillard, Nitrate Division, dated September 4, 1919	II	1319	I	309
114	Letter of Geo. J. Roberts, Special Assistant to Chief of Ordnance, to Capt. S. H. Graves, Chief Patent Branch, Advisory Section, dated September 9, 1919	II	1327	I	314
115	Minutes of meeting of Advisory Committee on Sales of A. P. C., February 14, 1919	II	1327	I	316
116	Assignment from Francis P. Garvan as A. P. C. to defendant, dated April 10, 1919 (Same as Exhibit "H-1" to Bill of Complaint)	II	1330	Rec. I	404
116-A	Schedule 1 annexed to Bill of Complaint	II	1331	Rec. I	124

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117-A	Schedule 2 annexed to Bill of Complaint	II	1331	Rec. I	292
118	Assignment from Francis P. Garvan as A. P. C., to defendant, dated May 6, 1919 (Same as Exhibit "H-3" to Bill of Complaint)	II	1330	Rec. I	415
118-A	Schedule 3 annexed to Bill of Complaint	II	1331	Rec. I	294
119	Assignment from Francis P. Garvan as A. P. C., to defendant, dated May 15, 1919 (Same as Exhibit "H-4" to Bill of Complaint)	II	1330	Rec. I	418
119-A	Schedule 4 annexed to Bill of Complaint	II	1331	Rec. I	294
120	Assignment from Francis P. Garvan as A. P. C., to defendant, dated June 17, 1919 (Same as Exhibit "H-5" to Bill of Complaint)	II	1330	Rec. I	421
120-A	Schedule 5 annexed to Bill of Complaint	II	1331	Rec. I	295
121	Assignment from Francis P. Garvan as A. P. C., to defendant, dated June 21, 1919 (Same as Exhibit "H-6" to Bill of Complaint)	II	1330	Rec. I	424
121-A	Schedule 6 annexed to Bill of Complaint	II	1331	Rec. I	297
122	Assignment from Francis P. Garvan as A. P. C., to defendant, dated October 17, 1919 (Same as Exhibit "H-7" to Bill of Complaint)	II	1330	Rec. I	429
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124	Assignment from Francis P. Garvan as A. P. C., to defendant, dated February 26, 1920 (Same as Exhibit "H-9" to Bill of Complaint)	II	1330	Rec. I	43
124-A	Schedule 9 annexed to Bill of Complaint	II	1331	Rec. I	30
125	Assignment from Francis P. Garvan as A. P. C., to defendant, dated February 26, 1920 (Same as Exhibit "H-10" to Bill of Complaint)	II	1330	Rec. I	438
125-A	Schedule 10 annexed to Bill of Complaint	II	1331	Rec. I	325
126	Assignment from Francis P. Garvan as A. P. C., to defendant, dated March 9, 1920 (Same as Exhibit "H-11" to Bill of Complaint)	II	1330	Rec. I	441
126-A	Schedule 11 annexed to Bill of Complaint	II	1331	Rec. I	328
127	Assignment from Francis P. Garvan as A. P. C., to defendant, dated May 4, 1920 (Same as Exhibit "H-12" to Bill of Complaint)	II	1330	Rec. I	444
127-A	Schedule 12 annexed to Bill of Complaint	II	1331	Rec. I	331
128	Assignment from Francis P. Garvan as A. P. C., to defendant, dated May 15, 1920 (Same as Exhibit "H-13" to Bill of Complaint)	II	1330	Rec. I	447
128-A	Schedule 13 annexed to Bill of Complaint	II	1331	Rec. I	333

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129-A	Schedule 14 annexed to Bill of Complaint	II	1331	Rec. I	344
130	Assignment from Francis P. Garvan as A. P. C., to defendant, dated December 21, 1920 (Same as Exhibit "H-15" to Bill of Complaint)	II	1330	Rec. I	453
130-A	Schedule 15 annexed to Bill of Complaint	II	1331	Rec. I	345
131	Assignment from Francis P. Garvan as A. P. C., to defendant, dated December 21, 1920 (Same as Exhibit "H-16" to Bill of Complaint	II	1330	Rec. I	457
131-A	Schedule 16 annexed to Bill of Complaint	II	1331	Rec. I	350
132	Assignment from Francis P. Garvan as A. P. C., to defendant, dated December 21, 1920 (Same as Exhibit "H-17" to Bill of Complaint)	II	1330	Rec. I	460
132-A	Schedule 17 annexed to Bill of Complaint	II	1331	Rec. I	357
133	Assignment from Francis P. Garvan as A. P. C., to defendant, dated December 21, 1920 (Same as Exhibit "H-18" to Bill of Complaint)	II	1330	Rec. I	464
133-A	Schedule 18 annexed to Bill of Complaint	II	1331	Rec. I	379
134	Assignment from Francis P. Garvan as A. P. C., to defendant, dated February 19, 1921 (Same as Exhibit "H-19" to Bill of Complaint)	II	1330	Rec. I	467
134-A	Schedule 19 annexed to Bill of Complaint	II	1331	Rec. I	382
135	Stipulation as to corrections in Exhibit "G" to Bill of Complaint	II	1332	I	330

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138	Letter of J. H. Choate, Jr., to Lucien H. Boggs, office A. P. C., dated November 18, 1919	II	1334	I	332
139	Office memorandum, A. P. C., from Mr. Goldstein to Mr. Boggs, dated November 21, 1919	II	1334	I	333
140	Letter from Mr. Boggs to Mr. Dunbar, office of A. P. C., dated December 20, 1919	II	1335	I	334
141	Letter of C. E. Dunbar, Asst. General Counsel, A. P. C., to J. H. Choate, Jr., dated December 22, 1919	II	1336	I	335
142	Letter of J. H. Choate, Jr., to C. E. Dunbar, dated December 30, 1919 ..	II	1336	I	337
143	Letter of Lucien H. Boggs to Joseph H. Choate, Jr., dated January 7, 1920	II	1336	I	338
144	Letter of J. H. Choate, Jr., to Lucien T. Boggs, dated January 21, 1920 ..	II	1337	I	340
145	Office memorandum, A. P. C., from Mr. Dunbar to Mr. Garvan, dated February 10, 1920	II	1337	I	341
146	Note of Francis P. Garvan to Joseph P. Tumulty, dated February 11, 1920	II	1337	I	341
146-A	Memorandum attached to Plaintiff's Exhibit No. 146	II	1338	I	342
147	Letter of Francis P. Garvan, A. P. C., to the President, dated February 10, 1920	II	1359	I	342
148	Executive Order of February 13, 1920 (Same as Exhibit No. 5 to Answer)	II	1339	Rec. I	557

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151	Minutes of a conference with Ramsay Hoguet before Federal Trade Commission, June 10, 1919	II	1348	I	351
152	Letter of Ramsay Hoguet to A. Mitchell Palmer, Attorney General, dated June 28, 1919	II	1349	I	372
153	Memorandum from R. T. Scott to Mr. Brown, dated July 3, 1919	II	1349	I	374
154	Letter of LaRue Brown to Ramsay Hoguet, dated July 8, 1919	II	1349	I	374
155	Assignment from Francis P. Garvan as A. P. C., to defendant, dated March 1, 1921 (Same as Exhibit "I" to Bill of Complaint)	II	1355	Rec. I	472
156	Assignment from Thomas W. Miller, A. P. C., to defendant, dated April 27, 1921 (Same as Exhibit "J" to Bill of Complaint)	II	1355	Rec. I	480
156-A	Schedule attached to assignment of April 27, 1921 (Plaintiff's Ex. No. 156) (Same as Schedule 20 of Exhibit "G" to Bill of Complaint)	II	1357	Rec. I	390
157	Assignment from Thomas W. Miller, A. P. C., to defendant, dated November 5, 1921 (Same as Exhibit "K" to Bill of Complaint)	II	1356	Rec. I	485
157-A	Schedule 3 attached to assignment of April 5, 1921 (Plaintiff's Ex. No. 157) (Same as Schedule 21 of Exhibit "G" to Bill of Complaint)	II	1357	Rec. I	391

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160	Letter of League of Minnesota Municipalities to A. Mitchell Palmer, A. P. C., dated March 13, 1918	III	1364	I	378
161	Letter of Pacific Flush Tank Co., to A. Mitchell Palmer, A. P. C., dated March 20, 1918	III	1365	I	381
162	Memorandum from R. C. Goldstein, Division of Patents, A. P. C., to Mr. Horne, dated March 22, 1919	III	1366	I	382
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164	Memorandum from Mr. Goldstein to Judge Brodhead, dated February 18, 1919	III	1372	I	388
165	Letter of J. Davis Brodhead to Francis P. Garvan, A. P. C., dated March 28, 1919	III	1403	I	392
166	Report of J. R. Zimmerman, Patent Section, A. P. C., re Imhoff Patents.	III	1404	I	401
167	Letter of Robert C. Goldstein to F. C. Youmana, dated August 6, 1919	III	1404	I	402
168	Minutes of meeting of Board of Directors of defendant, August 2, 1921.	III	1406	I	403
168-A	Blank form of license of defendant	III	1406	I	406
169	Minutes of meeting of Board of Directors of defendant, October 5, 1921	III	1407	I	421
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170	Agreement dated August 12, 1921, between defendant and Pacific Flush Tank Co.	III	1407	I	427

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171	Letter of Spier Whitaker to Fred K. Seymour, dated December 31, 1918	III	1408	I	438
172	Letter of Joseph J. Hart to A. Mitchell Palmer, dated February 20, 1919	III	1409	I	439
173	Memorandum from R. C. Goldstein to A. Mitchell Palmer, dated February 20, 1919	III	1409	I	440
174	Memorandum from A. Mitchell Palmer, A. P. C., to Washington Committee on Sales, dated February 22, 1919	III	1409	I	440
175	Memorandum from A. Mitchell Palmer, A. P. C., to Mr. Whitaker, dated March 3, 1919	III	1409	I	441
176	Letter of Ramsay Hoguet to Spier Whitaker, dated March 10, 1919	III	1410	I	442
177	Letter of E. Leitz, Inc., to A. P. C., dated May 20, 1919	III	1410	I	443
178	Letter of E. Leitz, Inc., to A. P. C., dated May 29, 1919	III	1411	I	444
179	Letter of Robert C. Goldstein to E. Leitz, Inc., dated May 31, 1919	III	1411	I	445
180	Letter of Robert C. Goldstein to Ramsay Hoguet, dated May 31, 1919	III	1411	I	446
181	Letter of Ramsay Hoguet to Arabol Manufacturing Co., dated April 22, 1919	III	1412	I	446
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183	Letter of Robert C. Goldstein to Arabol Mfg. Co., dated May 6, 1919	III	1412	I	449
184	Letter of Chas. Roome Parmele to A. P. C., dated March 21, 1919	III	1413	I	450
185	Letter of Robert C. Goldstein to Chinosol Co., dated March 26, 1919	III	1413	I	451

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188	Letter of Charles Roome Parmele to A. P. C., dated October 17, 1919	III	1416	I	455
189	Letter of Robert C. Goldstein to Chinosol Co., dated October 21, 1919	III	1416	I	457
190	Letter of Robert C. Goldstein to Ramsay Hoguet, dated October 21, 1919	III	1416	I	458
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194	Statement of moneys received by A. P. C. on account of contract rights assigned to defendant	III	1452	I	463
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196	No exhibit; embodied in Plaintiff's Exhibit No. 400	III	1455	I	699
197	Memorandum dated August 17, 1922, for Department of Justice, from A. P. C., re, Royalties Received, with Schedule annexed	III	1456	I	465
198	Statement of earnings from royalties under licenses issued by the Federal Trade Commission	III	1473	I	473

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206	Letter of Ramsay Hoguet to Charles Roome Parmele, dated June 23, 1919	III	1554	I	495
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210	Letter of Chas. Roome Parmele to defendant, dated August 27, 1919	III	1556	I	499
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218	Federal Trade Commission License No. 2, 2(a), 2(b) and 2(c), to the Takamine Laboratory, Inc.	III	1630	I	532
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728-H	Order by Frank L. Polk dated April 18, 1919	VII	4879	III	1899
728-I	Order by Frank L. Polk dated May 7, 1919	VII	4879	III	1903
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729	Proclamation by the President dated February 5, 1918	VII	4879	III	1926
729-A	Proclamation by the President dated May 31, 1918	VII	4879	III	1928
729-B	Proclamation by the President dated June 28, 1918	VII	4879	III	1932
729-C	Proclamation by the President dated July 13, 1917	VII	4879	III	1934
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729-E	Proclamation by the President dated August 14, 1918	VII	4879	III	1938
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729-G	Proclamation by the President dated December 3, 1918	VII	4879	III	1969
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730	Message of the President to Congress April 2, 1917	VII	4880	III	1979
730½	Address of President to the Two Houses of Congress, December 4, 1917	VII	4880	III	1991
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732-D	List of Non-Vat Dyes for which Chemical Foundation holds Patents	VII	4882	III	2012
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734	Statement from Cheney Brothers of German Colors used during 1922	VII	4888	III	2024
734-A	Statement from Cheney Brothers of Chief Colors of American Manufacture purchased in 1922	VII	4888	III	2025
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2	Letter of Will T. Gordon to H. E. Danner, Treas. American Dyes Institute, dated February 28, 1919	II	1029	IV	2029
3	Letter of Will T. Gordon to Ramsay Hoguet dated February 3, 1919	II	1131	IV	2035
3a	Letter of Will T. Gordon to M. R. Poucher, American Dyes Institute, dated February 3, 1919	II	1131	IV	2036
4	Order by Frank L. Polk dated December 4, 1918 (Same as Plaintiff's Exhibit No. 728)	II	1250	III	1874
4-A	Order by Frank L. Polk dated January 11, 1919 (Same as Plaintiff's Exhibit No. 728-A)	II	1250	III	1876
4-B	Order by Frank L. Polk dated February 26, 1919 (Same as Plaintiff's Exhibit No. 91, 728-B and Defendant's Exhibit No. 3 to Answer)	II	1250	Rec. I	551
4-C	Order by Frank L. Polk dated March 24, 1919 (Same as Plaintiff's Exhibit No. 728-C)	II	1250	III	1882
4-D	Order by Frank L. Polk dated March 24, 1919 (Same as Plaintiff's Exhibit No. 728-D)	II	1250	III	1886
4-E	Order by Frank L. Polk dated April 5, 1919 (Same as Plaintiff's Exhibit No. 94, 788-E, and Exhibit 4 to Defendant's answer)	II	1250	Rec. I	554
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4-I	Order by Frank L. Polk dated May 7, 1919 (Same as Plaintiff's Exhibit No. 728-I)	II	1250	III	1903
4-J	Order by Frank L. Polk dated May 28, 1919 (Same as Plaintiff's Exhibit No. 728-J)	II	1250	III	1906
4-K	Order by Frank L. Polk dated May 28, 1919 (Same as Plaintiff's Exhibit No. 728-K)	II	1250	III	1908
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6	Agreement between Dermatological Research Laboratories, Dr. Schamberg, Dr. Raiziss and Herman A. Metz, dated June 8, 1918	III	2018	IV	2049
7	Article in "Journal of American Medical Association" of March 30, 1918, entitled "Toxicity of the American-Made Arsphenamin,"	III	2018	IV	2052
8	Letter from Dr. Haeuser to Mr. Metz dated June 20, 1913	III	2018	IV	2055
9	Letter from Dr. Haeuser to Mr. Metz dated May 14, 1913	III	2019	IV	2057
10	Letter from H. A. Metz to Dr. Albert dated May 9, 1916	III	2019	IV	2059
10-A	Clipping from "Brooklyn Eagle" of May 6, 1916	III	2019	IV	2059
11	Letter from Herman A. Metz to Joseph P. Tumulty dated April 8, 1915	III	2019	IV	2065
12	Letter from Herman A. Metz to President Wilson dated November 7, 1914.	III	2019	IV	2072
13	Letter from Mr. Blank to Mr. Metz dated August 5, 1915	III	2020	IV	2323
14	Letter from C. Blank to H. A. Metz dated September 28, 1915	III	2020	IV	2351
15	Letter from C. Blank to H. A. Metz dated November 12, 1915	III	2020	IV	2352
16	Letter from Dr. Haeuser to Mr. Metz dated March 30, 1914	III	2020	IV	2077
17	Letter from Dr. Haeuser to H. A. Metz dated July 31, 1913	III	2021	IV	2344
18	Letter from H. A. Metz to Robert F. Rose, Foreign Trade Adviser, dated October 23, 1914	III	2021	IV	2080
19	Letter from H. A. Metz to President Wilson dated June 16, 1915	III	2021	IV	2081
20	Letter from H. A. Metz to William Jennings Bryan, Secretary of State, dated March 6, 1915	III	2021	IV	2083

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23	Letter from H. A. Metz to Dr. G. W. McCoy dated March 14, 1919	III	2022	IV	2085
24	Letter from Edward W. Deeters to H. A. Metz dated October 24, 1922	III	2022	IV	2086
24-A	Statement of Edward W. Deeters to H. A. Metz dated October 23, 1922 (Enclosed with Defendant's Exhibit No. 24)	III	2022	IV	2087
25	Letter from E. L. Pickerell to C. Cyril Bennett dated September 6, 1921 ...	III	2022	IV	2088
26	Letter from E. W. Deeters to H. A. Metz dated March 22, 1923	III	2106	IV	2089
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32	Résumé of Extracts from Proceedings before Congress, showing history of Amendment of March, 1918	IV	2548	IV	2263
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59	Telegram from Badische, Germany, to Adolph Kuttroff	IV	2730	IV	2426
60	Telegram from Badische, Germany, to Adolf Kuttroff	IV	2730	IV	2426
61	Letter from Dr. Albert to "My dear Benefactors and Friends" dated November 16, 1914	IV	2732	IV	2426
62	Telegram from Bernstorff to Foreign Office in Berlin	IV	2732	IV	2427
63	Telegram from Charles Suchard to Millington Behren, Berlin	IV	2733	IV	2428
64	Letter to Dr. Hossenfelder dated April 19, 1915	IV	2733	IV	2428
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76	Letter from Mr. Kuttroff to Dr. Albert dated September 20, 1916	IV	2747	IV	2534
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89	List of Licensees of The Chemical Foundation and what they manufacture, dated December 31, 1922	IV	2844	IV 2
90	Statement of The Chemical Foundation, Inc., showing number of licenses issued each year and number of patents involved	IV	2845	IV 2
91	Statement of Chemical Foundation's Income and expenses from beginning of operations to December 31, 1922	IV	2848	IV 2
91-A	Statement of Chemical Foundation's Educational expense from April 10, 1919, to December 31, 1922	IV	2849	IV 2
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93	Summary Statement by Chemical Foundation, Inc., of Income and other receipts and disposition thereof from April 10, 1919, to December 31, 1922, and balance net assets remaining at December 31, 1922	IV	2861	IV 2
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96	Book entitled "Creative Chemistry," by Edward E. Slosson	V	2869	Not print
97	Pamphlet entitled "The Future Independence and Progress of American Medicine in the Age of Chemistry"	V	2869	Not print

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103	Statement by Chemical Foundation of Income received on Arsphenamine Patents from April 10, 1919, to December 31, 1922, divided as between patents formerly licensed by Federal Trade Commission and patents licensed by Chemical Foundation, Inc.	V	2876	IV	2674
104	Statement by Chemical Foundation, Inc., showing earnings on 57 pre-war contracts acquired from Alien Property Custodian	V	2876	IV	2675
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111	Report of U. S. Tariff Commission entitled "Tariff Information, Series No. 1922, Census of Dyes and Coal Tar Chemicals 1919"	V	2885	Not printed	
112	Report of U. S. Tariff Commission entitled "Report on Dyes and Related Coal-Tar Chemicals 1918 printed for use of the Committee on Ways and Means of the House of Representatives"	V	2887	Not printed	
113	Report of U. S. Tariff Commission entitled "Tariff Information, Series No. 15, Costs of production in the Dyes Industry, 1918 and 1919 details of costs for a selected list of dyes and intermediates"	V	2887	Not printed	
114	Report of U. S. Tariff Commission entitled "Tariff Information, Series No. 11, Census of Dyes and Coal-Tar Chemicals, 1918"	V	2887	Not printed	
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117	Statement showing comparison of value of dyes, domestic and imported, controlled by patents owned by Chemical Foundation, Inc., for years 1919, 1920, 1921 and 1922	V	2890	V	2703
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186	U. S. Patent No. 1,133,087 dated Mar. 23, 1915	VI	3746	"	
187	U. S. Patent No. 1,157,660 dated Oct. 26, 1915	VI	3746	"	
188	U. S. Patent No. 1,200,805 dated Oct. 10, 1916	VI	3746	"	
189	U. S. Patent No. 1,207,968 dated Dec. 12, 1916	VI	3746	"	
190	U. S. Patent No. 1,286,650 dated Dec. 3, 1918	VI	3746	"	
191	U. S. Patent No. 1,301,151 dated Apr. 22, 1919	VI	3746	"	
192	U. S. Patent No. 1,330,772 dated Feb. 10, 1920	VI	3747	"	
193	U. S. Patent No. 971,501 dated Sep. 27, 1910	VI	3747	"	
194	U. S. Patent No. 999,025 dated July 25, 1911	VI	3747	"	
195	U. S. Patent No. 1,053,951 dated Feb. 18, 1913	VI	3747	"	
196	U. S. Patent No. 1,053,952 dated Feb. 18, 1913	VI	3747	"	
197	U. S. Patent No. 1,068,966 dated July 29, 1913	VI	3747	"	
198	U. S. Patent No. 1,068,967 dated July 29, 1913	VI	3747	"	
199	U. S. Patent No. 1,068,968 dated July 29, 1913	VI	3747	"	

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200	U. S. Patent No. 1,088,989 dated July 29, 1913	VI	3747	See Pat. Ex. Book	
201	U. S. Patent No. 1,083,585 dated Jan. 6, 1914	VI	3748	"	
202	U. S. Patent No. 1,094,194 dated Apr. 21, 1914	VI	3748	"	
203	U. S. Patent No. 1,118,628 dated Nov. 24, 1914	VI	3748	"	
204	U. S. Patent No. 1,128,843 dated Feb. 16, 1915	VI	3748	"	
205	U. S. Patent No. 1,148,570 dated Aug. 3, 1915	VI	3748	"	
206	U. S. Patent No. 1,149,510 dated Aug. 10, 1915	VI	3748	"	
207	U. S. Patent No. 1,152,930 dated Sept. 7, 1915	VI	3748	"	
208	U. S. Patent No. 1,158,167 dated Oct. 26, 1915	VI	3748	"	
209	U. S. Patent No. 1,225,755 dated May 15, 1917	VI	3748	"	
210	U. S. Patent No. 1,006,206 dated Oct. 17, 1911	VI	3749	"	
211	U. S. Patent No. 1,202,995 dated Oct. 31, 1916	VI	3749	"	
212	U. S. Patent No. 1,216,059 dated Feb. 13, 1917	VI	3749	"	
213	U. S. Patent No. 1,243,382 dated Oct. 16, 1917	VI	3749	"	
214	U. S. Patent No. 1,244,580 dated Oct. 30, 1917	VI	3749	"	
215	U. S. Patent No. 1,386,760 dated Aug. 9, 1921	VI	3749	"	
216	U. S. Patent No. 1,075,085 dated Oct. 7, 1913	VI	3749	"	
217	U. S. Patent No. 1,077,034 dated Oct. 28, 1913	VI	3750	"	
218	U. S. Patent No. 1,086,130 dated Feb. 3, 1914	VI	3750	"	

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219	U. S. Patent No. 1,188,530 dated June 27, 1916	VI	3750	See Pat. Ex. Book	
220	U. S. Patent No. 1,094,182 dated Apr. 21, 1914	VI	3750	"	
221	U. S. Patent No. 1,207,706 dated Dec. 12, 1916	VI	3750	"	
222	U. S. Patent No. 1,207,707 dated Dec. 12, 1916	VI	3750	"	
223	U. S. Patent No. 1,207,708 dated Dec. 12, 1916	VI	3750	"	
224	U. S. Patent No. 1,211,394 dated Jan. 9, 1917	VI	3750	"	
225	U. S. Patent No. 1,379,387 dated May 24, 1921	VI	3750	"	
226	U. S. Patent No. 1,063,007 dated May 27, 1913	VI	3751	"	
227	U. S. Patent No. 1,091,234 dated March 24, 1914	VI	3751	"	
228	U. S. Patent No. 1,091,234 dated Mar. 24, 1914	VI	3751	"	
229	U. S. Patent No. 1,133,086 dated Mar. 23, 1915	VI	3751	"	
230	U. S. Patent No. 1,173,550 dated Feb. 29, 1916	VI	3751	"	
231	U. S. Patent No. 1,200,806 dated Oct. 10, 1916	VI	3751	"	
232	U. S. Patent No. 1,211,393 dated Jan. 9, 1917	VI	3751	"	
233	U. S. Patent No. 1,261,900 dated Apr. 9, 1918	VI	3751	"	
234	U. S. Patent No. 1,274,503 dated Aug. 6, 1918	VI	3752	"	
235	U. S. Patent No. 1,292,019 dated Jan. 21, 1919	VI	3752	"	
236	U. S. Patent No. 1,369,383 dated Feb. 22, 1921	VI	3752	"	
237	U. S. Patent No. 1,344,673 dated June 29, 1920	VI	3752	"	

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238	French Text of Report to Chamber of Deputies, Twelfth Legislature Extraordinary Session, 1922, Re, Bill relating to the approval and powers for granting an agreement for the purpose of manufacturing Synthetic Ammonia ..	VI	3772	Not print	
238-A	Translation of French Text of Report to Chamber of Deputies (Defendant's Exhibit No. 238)	VI	3772	V	3072
239	Statement of J. W. Joyes, Ordnance Department U. S. Army at hearing on H. R. 10329-S 3390	VI	3784	V	3225
240	U. S. Patent No. 1,141,947 dated June 8, 1915	VI	3935	See Pat. Ex. Boo	
241	U. S. Patent No. 1,141,948 dated June 8, 1915	VI	3935	"	
242	U. S. Patent No. 1,151,537 dated Aug. 24, 1915	VI	3935	"	
243	U. S. Patent No. 1,159,364 dated Nov. 9, 1915	VI	3935	"	
244	U. S. Patent No. 1,159,365 dated Nov. 9, 1915	VI	3935	"	
245	U. S. Patent No. 1,143,363 dated June 15, 1915	VI	3935	"	
246	Statement from Books and Records of Abbott Laboratories	VI	4019	V	3238
247	Statement from Books and Records of Abbott Laboratories	VI	4019	V	3239
248	Statement from Books and Records of Abbott Laboratories	VI	4020	V	3240
249	Statement from Books and Records of Abbott Laboratories	VI	4020	V	3241
250	U. S. Patent No. 724,789 dated Apr. 7, 1903	VI	4040	See Pat. Ex. Book	
251	U. S. Patent No. 1,063,173 dated May 27, 1913	VI	4043	"	
252	U. S. Patent No. 1,104,943 dated July 28, 1914	VI	4044	"	

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253	U. S. Patent No. 739,145 dated Sept. 15, 1903	VI	4047	See Pat. Ex. Book	
254	U. S. Patent No. 876,810 dated Jan. 14, 1908	VI	4047	"	
255	U. S. Patent No. 856,811 dated June 11, 1907	VI	4047	"	
256	U. S. Patent No. 919,572 dated Apr. 27, 1909	VI	4055	"	
257	U. S. Patent No. 956,348 dated Apr. 26, 1910	VI	4055	"	
258	U. S. Patent No. 966,092 dated Aug. 2, 1910	VI	4055	"	
259	U. S. Patent No. 1,004,433 dated Sept. 26, 1911	VI	4073	"	
260	U. S. Patent No. 828,778 dated Aug. 14, 1906	VI	4073	"	
261	U. S. Patent No. 845,129 dated Feb. 26, 1907	VI	4073	"	
262	Licenses issued to E. I. duPont de Nemours & Company by Chemical Foundation, Inc.	VI	4077	V	3242
263	U. S. Patent No. 1,336,759 dated April 13, 1920	VI	4147	See Pat. Ex. Book	
264	U. S. Patent No. 1,237,405 dated Aug. 21, 1917	VI	4147	"	
265	U. S. Patent No. 1,191,480 dated July 18, 1916	VI	4147	"	
266	U. S. Patent No. 1,216,612 dated Feb. 20, 1917	VI	4147	"	
267	U. S. Patent No. 1,278,229 dated Sept. 10, 1918	VI	4147	"	
268	U. S. Patent No. 1,232,620 dated July 10, 1917	VI	4147	"	
269	U. S. Patent No. 1,254,364 dated Jan. 22, 1918	VI	4147	"	
270	U. S. Patent No. 1,133,108 dated Mar. 23, 1915	VI	4147	"	
271	U. S. Patent No. 1,289,280 dated Dec. 31, 1918	VI	4147	"	

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272	U. S. Patent No. 1,281,494 dated Oct. 15, 1918	VI	4147	See Pat. Ex	
273	U. S. Patent No. 1,107,107 dated Aug. 11, 1914	VI	4147	"	
274	U. S. Patent No. 1,203,069 dated Oct. 31, 1916	VI	4161	"	
275	U. S. Patent No. 1,089,797 dated Mar. 10, 1914	VI	4161	"	
276	U. S. Patent No. 1,421,722 dated July 4, 1922	VI	4161	"	
277	U. S. Patent No. 1,414,045 dated April 25, 1922	VI	4161	"	
278	U. S. Patent No. 915,572 dated April 27, 1909	VI	4197	"	
279	U. S. Patent No. 956,348 dated April 26, 1910	VI	4197	"	
280	U. S. Patent No. 966,092 dated August 2, 1910	VI	4197	"	
281	U. S. Patent No. 733,280 dated July 7, 1903	VI	4236	"	
382	U. S. Patent No. 1,063,173 dated May 27, 1913	VI	4236	"	
283	U. S. Patent No. 682,523 dated Sept. 10, 1901	VI	4236	"	
284	U. S. Patent No. 724,789 dated April 7, 1903	VI	4236	"	
285	U. S. Patent No. 739,145 dated Sept. 15, 1903	VI	4238	"	
286	Statement of E. I. duPont de Nemours & Company of expense incurred for Chemical Research upon Dyes and Dye Intermediates to June 30, 1921	VI	4289	V	3246
287	Stipulation dated July 19, 1923	VI	4349	V	3247
288	Minutes of Meeting of American Dyes Institute January 8, 1919	VI	4350	V	3296
289	Minutes of Meeting of American Dyes Institute April 4, 1919	VI	4350	V	3300

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290	Minutes of Joint Meeting of Board of Governors and Executive Committee American Dyes Institute, April 9, 1920	VI	4350	V	3308
291	Minutes of Meeting of American Dyes Institute April 9, 1920	VI	4350	V	3313
292	Statement of Harry E. Danner, before Sub-Committee of Committee on Judiciary, U. S. Senate on Resolution No. 77	VI	4352	V	3327
293	Assignment from Francis P. Garvan to American Radio Company dated November 20, 1919	VI	4353	V	3347
294	Assignment from United States Government by F. D. Roosevelt, Acting Secretary of Navy, dated November 11, 1919, re-conveying to Alien Property Custodian three patents theretofore conveyed to him by Defendant's Exhibit No. 144 (Same as Defendant's Exhibit No. 145)	VI	4353	V	2801
295	Extract from "Congressional Record," page 12,450, dated August 17, 1922	VI	4370	V	3350
296	Letter from Edwin Denby to Boies Penrose dated July 27, 1921	VI	4372	V	3352
297	Report of Mr. Fordney to accompany H. R. 7456, dated July 6, 1921	VI	4373	V	3353
298	Offer of defendant and Graselli Chemical Company to Department of State	VI	4375	V	3367
299	Executive Order dated December 11, 1922, authorizing Alien Property Custodian to sell certain property at private sale	VI	4377	V	3368
300	Pamphlet entitled "The Future Independence and Progress of American Medicine in the Age of Chemistry" (Same as Defendant's Exhibit No. 97)	VI	4386	Not printed	

Ex. No.		Admitted Record Vol.	Page	Printed Exhibits Vol.	Page
301	Pamphlet entitled "Aims and Purposes of The Chemical Foundation, Incorporated, and the reasons for its Organization"	VI	4386	Not printed	
302	List of original subscribers to the Underwriting of the stock of defendant	VII	4397	V	3370
303	Constitution and By-Laws of American Dyes Institute as Amended	VII	4397	V	3373
304	Letter from Ramsay Hoguet to W. H. Swenarton, dated February 25, 1919	VII	4399	V	3387
305	Letter from Marston T. Bogert to A. C. Holcombe dated April 21, 1919	VII	4399	V	3389
306	Letter from A. M. Holcombe to Munitions Patents Board dated April 21, 1919	VII	4400	V	3392
307	Memorandum from A. M. Holcombe to Col. Hilton, dated May 1, 1919	VII	4400	V	3393
308	Letter from J. M. Wainwright to The Chairman of Committee on Patents, U. S. Senate	VII	4401	V	3395
309	Letter from Charles E. Yerkman to Robert C. Goldstein, dated January 30, 1920	VII	4431	V	3396
310	Letter from F. C. March to Secretary of Navy dated March 19, 1921	VII	4432	V	3400
311	Letter from Charles B. McVay, Jr. to defendant dated March 24, 1921	VII	4432	V	3401
312	Letter from Charles B. McVay, Jr. to defendant dated March 30, 1921	VII	4432	V	3402
313	Minutes of Meeting of Munitions Patent Board, December 17, 1918	VII	4402	V	3403
314	Minutes of meeting of Munitions Patent Board dated April 23, 1919	VII	4403	V	3405
315	Minutes of Meeting of Munitions Patent Board, February 16, 1919	VII	4403	V	3408
316	Report of E. I. duPont de Nemours & Company of expenditures for research work on products licensed from Federal Trade Commission, 1918 to Jan.				

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1923	VI	4295	V	3412
E. I. duPont de Nemours & of Research Expenditures ucts licensed from defendant				
anuary 1, 1923	VI	4296	V	3414
iterature distributed by de-	VII	4404	V	3421
m from Mr. Caten to Thom- Miller, Alien Property Custo- seizure of Blass Patent				
Plaintiff's Exhibit No. 481)	VII	4405	II	893
Prospectus of Defendant Exhibit 8 to Defendant's	VII	4405	Rec. I	583
British Mission dated Febru- 1919	VII	4406	V	3437
m "Journal of Industrial and ing Chemistry," June, 1919	VII	4410	V	3448
on Annual Report of Federal cal year ended June 30, 1918	VII	4411	V	3456
distributed by defendant (For al items see Defendant's Ex-	VII	4497	V	3421
m Notebook of Louis Fyerd Experiments at Calco Chemi- pany	VII	4793	V	3466
to Deposition of Dr. George ry, taken in Chambers)	VII	4801	Not printed	
to deposition of Dr. George ry, taken in Chambers)	VII	4801	"	
to deposition of Dr. George ry, taken in Chambers)	VII	4802	"	
to deposition of Dr. George ry, taken in Chambers)	VII	4803	"	
of Research Expenditures for licensed from Defendant from anuary 1, 1923	VII	4845	V	3460

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Ex. No.		Admitted Record Vol.	Page	Printed Exhibits Vol.	Page
374	Letter from H. A. Metz to Julius Stieglitz dated August 13, 1918	VII	4869	V	3489
375	Letter from Ramsay Hoguet to Isidore J. Kresel, dated July 17, 1923	VII	4899	V	3490
376	Telegram from J. A. McCreery to Isadore J. Kresel dated July 18, 1923	VII	4899	V	3491

UNITED STATES OF AMERICA,
DISTRICT OF DELAWARE, } *ss.:*

BE IT REMEMBERED, that at a District Court of the United States for the District of Delaware begun and held at the United States Court House and Post Office Building, in the city of Wilmington, in the said District of Delaware, at the time and place required by law, among other, the following proceedings were had, to wit:

UNITED STATES OF AMERICA,
Complainant,
v.
THE CHEMICAL FOUNDATION, INCORPORATED,
Defendant.

No. 502
In Equity.

DOCKET ENTRIES.

Sept. 8, 1922. Bill of Complaint with Exhibits "A" to "M" inclusive annexed filed; same day subpœna issued, returnable September 28, 1922.

Sept. 16, 1922. Marshal returns on Subpœna "Served" &c.; same day writ filed.

Sept. 23, 1922. Defendant appears by William G. Mahaffy, Esq., its solicitor; same day præcipe filed.

Sept. 27, 1922. Stipulation and motion filed; same day order enlarging time for defendant to file answer, &c., until October 27, 1922; same day said order filed. (Exit copy to solicitors.)

Oct. 27, 1922. Answer of defendant, with exhibits Nos. 1 to 8 incl. filed.

Jan. 22, 1923. Order setting case down for trial April 23, 1923, at 10 o'clock A. M.; same day said order filed. (Exit copy to solicitors.)

April 6, 1923. Order postponing trial until June 4, 1923, at 10 o'clock A. M.; same day said order filed. (Exit copy to solicitors.

May 4, 1923. Order granting leave to plaintiff to file motion to amend bill of complaint; same day said motion filed.

May 4, 1923. Order granting leave to file motion of plaintiff to strike out parts of defendant's answer; same day said motion filed.

May 4, 1923. Motion of plaintiff for order for taking deposition of Karl Holderman, filed.

May 4, 1923. Affiadvit of Edwin F. Haaren filed on behalf of defendant.

May 4, 1923. Order advancing trial to May 8, 1923, at 9 o'clock A. M. for taking deposition of Karl Holderman, &c; same day said order filed.

May 7, 1923. Order appointing William F. Smart stenographer, &c; same day said order filed. (Exit copy to solicitors.)

May 8, 1923. Trial; same day order adjourning trial to June 4, 1923, at 9 o'clock A. M.

May 18, 1923. Petition of plaintiff filed; same day order for issuance of subpœnas for non-resident witnesses &c; same day said order filed. (Exit 12 subpœnas.)

May 26, 1923. Petition of plaintiff, filed; same day order for issuance of subpœnas for non-resident witnesses, &c; same day said order filed. (Exit 4 subpœnas.)

June 4, 1923. Order amending bill of complaint; same day said order filed.

June 7, 1923. Order amending bill of complaint by striking out Textile Alliance, Inc., &c; same day said order filed.

July 18, 1923. Petition of plaintiff filed; same day order for issuance of subpœna for non-resident witness, &c; same day said order filed. (Exit subpœna.)

July 20, 1923. Order approving stipulation concerning Patent Exhibit Book; same day stipulation filed.

June 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 22, 23, 25, 26, 27, 28, 29, July 2, 3, 5, 6, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21 and 23, 1923. Trial before the Court.

July 23, 1923. Order setting case down for argument October 8, 1923.

July 23, 1923. Order that record be printed, &c; same day said order filed.

July 23, 1923. Depositions taken at trial filed.

July 30, 1923. Order that expenses of experiment be paid equally by parties, &c; same day said order filed. (Exit copies to solicitors.)

Oct. 8, 1923. Order that complainant pay stenographer's bill, &c; same day said order filed.

Oct. 8, 1923. Order granting leave to file complainant's objections to and motions to strike out evidence, &c; same day same filed.

Jan. 3, 1924. Opinion of Court, filed.

Feb. 18, 1924. Final decree dismissing bill of complaint, &c; same day said decree filed.

Feb. 26, 1924. Petition of complainant for appeal with assignments of error filed; same day order allowing appeal; same day said order filed.

Feb. 26, 1924. Citation issued.

Feb. 26, 1924. Citation with acceptance of service by solicitor for defendant-appellee endorsed thereon filed.

Feb. 26, 1924. Præcipe for transcript of record filed.

BILL OF COMPLAINT.

(Filed September 8, 1922)

IN THE

District Court of the United States,

FOR THE DISTRICT OF DELAWARE.

UNITED STATES OF AMERICA *v.* THE CHEMICAL FOUNDATION, Incorporated.	In Equity, No. 502

To the Honorable Judge of the District Court of the United States for the District of Delaware.

UNITED STATES OF AMERICA, complainant, by Harry M. Daugherty, Attorney General of the United States, brings this its bill of complaint against THE CHEMICAL FOUNDATION, INCORPORATED, a corporation chartered, organized, and existing under the laws of the State of Delaware, and shows unto the court the following case:

FIRST. UNITED STATES OF AMERICA is the real party in interest in and with respect to certain property and property rights hereinafter fully set forth and described, and avers that if the acts and transactions with respect to said property and property rights hereinafter alleged be allowed to stand, the rights and interests of the United States will be prejudiced thereby and the fulfillment of the public duties and performance and discharge of the public obligations of the United States will be prevented or impaired.

The defendant, THE CHEMICAL FOUNDATION, INCORPORATED, is a corporation chartered, organized, and existing under the laws of the State of Delaware, is a citizen of said state and an inhabitant of the judicial district of Delaware, claiming under and by virtue of the acts and transactions hereinafter described certain interest in or rights with respect to said property or property rights adverse to the United States.

SECOND. By joint resolution of Congress, approved by the President on the 6th day of April, 1917 (40 Stat. at Large, 1), a state of war was declared to exist between the United States of America and the Imperial German Government. By joint resolution of Congress, approved by the President on the 7th day of December, 1917 (40 Stat. at Large, 429), a state of war was declared to exist between the United States of America and the Imperial and Royal Austro-Hungarian Government. The military operations and the prosecution of said war proceeded, in association with certain other powers then in alliance with one another, known as the Allied Powers, and then at war with the Imperial German Government and the Imperial and Royal Austro-Hungarian Government, until the 3d day of November, 1918, when an agreement of armistice was signed by the representatives of the Allied Powers and the United States of America on the one part and the representatives of the Imperial and Royal Austro-Hungarian Government on the other part, and until the 11th day of November, 1918 when an agreement of armistice was signed by

the representatives of said Allied Powers and the United States of America on the one part, and representatives of said Imperial German Government on the other part, whereby the military operations were suspended, and thereupon negotiations for peace were entered upon by representatives of the respective powers at war. Said negotiations for peace between said Allied Powers and the United States of America on the one part, and Germany on the other part, continued until they resulted in a treaty of peace signed by said respective powers at Versailles, in the Republic of France, on the 28th day of June, 1919; and negotiations continued between the representatives of said Allied Powers and the United States of America on the one part and Austria and Hungary on the other part, until they resulted in a treaty of peace between the Allied and Associated Powers, including the United States of America, on the one part, and the Government of Austria on the other part, which was signed at St. Germain en Laye in the Republic of France on the 10th day of September, 1919, and a treaty of peace between the Allied and Associated Powers, including the United States of America on the one part, and the Government of Hungary on the other part, which was signed at Trianon, in the Republic of France, on the 4th day of June, 1920.

THIRD. The ratification of said treaties of peace so signed was never advised or consented to by the Senate of the United States as required by the Constitution, and said treaties never became binding or obligatory upon the United States. Through the fail-

ure of the Senate to ratify said treaties, the state of war declared by the joint resolutions of Congress aforesaid, as between the United States of America and Germany, Austria, and Hungary, continued, but without further military operations, until the 2d day of July, 1921; except that by joint resolution of Congress, approved by the President on the 3d day of March, 1921 (41 Stat. at Large, 1359), it was provided that in the interpretation of any provisions of law relating to the duration or the date of the termination of the war between the United States of America and Germany and Austria-Hungary, the date that such joint resolution approved March 3d, 1921, became effective should be considered as the date of the termination of said war, excepting, however, from the provisions of such joint resolution the "trading with the enemy act," hereinafter referred to, amendments thereto, and the proclamations issued in pursuance thereof.

FOURTH. By joint resolution of Congress approved by the President on the 2d day of July, 1921 (Public Resolution No. 8, 67th Congress), the state of war theretofore declared to exist between the Imperial German Government and the United States of America and the Imperial and Royal Austro-Hungarian Government and the United States of America, as aforesaid, was declared at an end. Said joint resolution expressly reserved to the United States and its nationals any and all rights, privileges, indemnities, reparations, or advantages, together with the right to enforce the same, to which it or they had become

entitled under the terms of the armistice agreements aforesaid, or any extensions or modifications thereof, or which were acquired by or were, on the date of said joint resolution, in the possession of the United States of America by reason of its participation in the war; or to which its nationals had thereby become rightfully entitled; or which, under the respective treaties of Versailles, St. Germain en Laye, and Trianon, had been stipulated for its or their benefit; or to which it was entitled as one of the principal allied or associated powers in said war; or to which it was entitled by virtue of any act or acts of Congress, or otherwise. And said joint resolution further expressly provided that all property of the Imperial German Government, or its successor or successors, and of all German nationals, or of the Imperial and Royal Austro-Hungarian Government, its successor or successors, and of all Austro-Hungarian nationals which was on the respective dates of declarations of war, as aforesaid, in, or had since said respective dates come into the possession or under the control of, or been the subject of a demand by the United States of America or any of its officers, agents, or employees, from any source or by any agency whatever, should be retained by the United States of America and no disposition thereof made except as had been theretofore or might be thereafter specifically provided by law until such time as the Imperial German Government and the Imperial and Royal Austro-Hungarian Government, their successor or successors,

should have respectively complied with certain conditions in said resolution set forth; and complainant avers that neither the Imperial German Government nor the Imperial and Royal Austro-Hungarian Government, nor any successor or successors of said Governments, or either of them, have complied with the conditions and provisions in said joint resolution prescribed; and that all the rights and interest of the United States of America and of its nationals in, to, or with respect to, said properties of the Imperial German Government, its successor or successors, and of all German nationals, and of the Imperial and Royal Austro-Hungarian Government, its successor or successors, and of all Austro-Hungarian nationals mentioned, described and reserved in and by said joint resolution, to the extent that the same were then or have since become valid, have since continued, and are now in full force and effect. Reference is hereby made to said joint resolution for more complete statements of the terms, provisions, and conditions thereof.

FIFTH. Thereafter negotiations were begun between the Government of the United States and the Governments of Germany, Austria and Hungary, respectively, which negotiations resulted in the following treaties, which were duly ratified and became effective as follows, to-wit:

A treaty between the United States and Germany, signed at Berlin on the 25th day of August, 1921, ratified by the United States on the 21st day of October, 1921, and which became effective by the

exchange of ratifications on the 11th day of November, 1921.

A treaty between the United States and Austria, signed at Vienna on the 24th day of August, 1921, which was ratified by the United States on the 21st day of October, 1921, and which became effective by the exchange of ratifications on the 8th day of November, 1921.

A treaty between the United States and Hungary, signed at Budapest on the 29th day of August, 1921, which was ratified by the United States on the 21st day of October, 1921, and which became effective by the exchange of ratifications on the 17th day of December, 1921.

Each of said treaties contained substantially the same reservations as those contained in the aforesaid joint resolution approved July 2, 1921, hereinbefore set forth, which reservations will more fully and at length appear by reference to said respective treaties, to which reference is hereby made; and complainant avers that neither the Imperial German Government nor the Imperial and Royal Austro-Hungarian Government, nor any successor or successors of said Governments or either of them, has complied with the conditions and provisions mentioned in said reservations contained in said treaties of Berlin, Vienna, and Budapest, respectively; and that all the rights and interests of the United States of America and its nationals, in, to, and with respect to the properties of the Imperial German Government, its successor or successors, and of all German nationals, and of the

Imperial and Royal Austro-Hungarian Government, its successor or successors, and of all Austro-Hungarian nationals mentioned, described and reserved in said joint resolution, and in each of said treaties of Berlin, Vienna, and Budapest, respectively, to the extent that the same were then or have since become valid, have since continued, and now are in full force and effect.

SIXTH. By act of Congress entitled "An Act to define, regulate, and punish trading with the enemy, and for other purposes," approved October 6, 1917 (40 Stat. at Large, 411), commonly known and herein referred to as the "Trading with the Enemy Act," provision was made for the seizure, sequestration, custody, and management of the property of persons, firms, or corporations which might be determined to be enemies or allies of enemies as defined in said act. Said act also provided for the sale or disposition of such property so seized or sequestrated when necessary to prevent waste or to protect such property, and to the end that interests of the United States in such property and the rights of such persons as might ultimately become entitled thereto, or to the proceeds thereof, might be preserved and safeguarded. Reference is hereby made to said act of Congress for full statement of the terms, provisions, and conditions thereof.

SEVENTH. Among other things, the said act provided that the President might appoint and prescribe the duties of an official to be known as the Alien Property Custodian, who should under the direction

of the President, as and to the extent in said act provided, be empowered to receive all money and property in the United States due or belonging to an enemy or ally of an enemy as defined in and by said act, which might be paid, conveyed, transferred, assigned, or delivered to said custodian under the provisions of the said act, and to hold, administer, and account for the same under the general direction of the President and as provided therein. Said act further provided that all moneys paid to or received by the Alien Property Custodian pursuant to the terms thereof should be forthwith deposited in the Treasury of the United States, and might be invested and reinvested by the Secretary of the Treasury in United States bonds or United States certificates of indebtedness under such rules and regulations as the President might prescribe for such investment, deposit, and sale of securities, and that all other property of an enemy or ally of an enemy conveyed, transferred, assigned, delivered, or paid to the Alien Property Custodian under said act should be safely kept and administered by him except as in said act provided. Said act further provided that said Alien Property Custodian "shall be vested with all the powers of a common law trustee in respect of all property, other than money, which shall come into his possession in pursuance of the provisions of this act"; and the power was expressly reserved to Congress to make final disposition of any money or other property received and held by the Alien Property Custodian, or deposited in the Treasury of the United

States as provided in and by said act; all of which will more fully and at length appear by reference to said act of Congress, to which reference is hereby made.

EIGHTH. By Executive order, dated October 12, 1917, the President, in the exercise of the powers conferred upon him by said "Trading with the Enemy Act," vested in an Alien Property Custodian, to be thereafter appointed, the executive administration of certain of the provisions of said act, and certain powers and authority in the execution thereof, all of which will more fully and at length appear by reference to Paragraphs XXIX to XXXIV, inclusive, of said Executive order, to which reference is hereby made.

NINTH. Prior to the declarations of war aforesaid various persons, including citizens and subjects of Germany and Austria-Hungary, who thereupon became and were enemies or allies of enemies within the meaning of said "Trading with the Enemy Act," had procured from or registered with the United States pursuant to the laws relating thereto, and then owned, numerous patents, copyrights, trade-marks, and labels, and similar rights; and at the time of said declarations of war had numerous applications pending before the proper officers of the United States for the granting or registration of other patents, copyrights, trade-marks, labels, and other similar rights as provided by law; and held, owned, and possessed certain contracts and contract rights with respect to

other patents, copyrights, trade-marks, labels, and similar rights. Prior to said declarations of war, licenses or contract rights for the use and employment of certain of said patents, copyrights, trade-marks, labels, and other similar rights, or certain rights thereunder, had been granted by the divers owners thereof to certain persons, firms, and corporations in the United States, and said licenses and other contract rights under said patents, copyrights, trade-marks, labels, and other similar rights, were at the time of the declaration of war being used, exercised, and employed by such licensee persons, firms, or corporations in the United States or the territories or insular possessions thereof.

TENTH. By section 10 of said "Trading with the Enemy Act" it was expressly provided that an enemy or ally of an enemy might file and prosecute in the United States an application for letters patent or for registration of trade-mark, print, label, or copyright, but subject to the terms and conditions in said section 10 contained; and the President was authorized to grant to any citizen of the United States or any corporation organized within the United States licenses to use any of said enemy-owned patents, copyrights, trade-marks, labels, and other rights for the period and upon and subject to the terms, conditions, and limitations set forth in said act, reference being hereby made to said section 10 of said act for more full and complete statement of the powers thereby conferred and of the terms, conditions, provisions, and limitations thereof.

ELEVENTH. In the exercise of the authority so granted, the President did, by Executive order dated October 12, 1917, delegate to and vest in the Federal Trade Commission the power and authority to issue licenses, as authorized by section 10 of said act, under such terms and conditions as were not inconsistent with law or to withhold or refuse the same as in said Executive order provided, reference being hereby made to Paragraphs XVII to XXI, inclusive, of said Executive order for more complete statement of the terms and provisions thereof with reference to the issue of said licenses by said Federal Trade Commission. The said Federal Trade Commission thereafter from time to time did, in the exercise of the authority so granted by the President, issue to certain citizens of the United States or corporations organized within the United States certain licenses for the use, exercise, and employment of many of said enemy-owned patents, copyrights, trade-marks, labels, and other similar rights.

TWELFTH. On the 22d day of October, 1917, A. Mitchell Palmer was duly appointed by the President to the office of Alien Property Custodian, under the terms and provisions of the said "Trading with the Enemy Act," and on the 13th day of November, 1917, said A. Mitchell Palmer duly qualified as such Alien Property Custodian by taking the oath of office required by law, and entered upon the discharge of his duties. Said A. Mitchell Palmer continued to serve as Alien Property Custodian under said act and in pursuance of said appointment until the 3d day of March,

1919, when he resigned said office and his resignation was accepted. Thereupon, on the 3d day of March, 1919, Francis P. Garvan, was appointed by the President Alien Property Custodian and duly qualified and entered upon the discharge of his duties as said Alien Property Custodian on the 4th day of March, 1919, and continued to serve as such Alien Property Custodian under said act and in pursuance of said appointment until the 12th day of March, 1921, when he resigned said office and his resignation was duly accepted. Thereupon, on the 12th day of March, 1921, Thomas W. Miller was appointed by the President Alien Property Custodian, and on the 16th day of March, 1921, duly qualified as such and entered upon the discharge of his duties; and said Thomas W. Miller has since served, and is now serving as Alien Property Custodian under the terms and provisions of said "Trading with the Enemy Act" and the appointment of the President, aforesaid.

THIRTEENTH. By an act of Congress entitled "An act making appropriations to supply urgent deficiencies in the appropriations for the fiscal year ending June thirtieth, nineteen hundred and eighteen, and prior fiscal years, on account of war expenses, and other purposes," approved March 28, 1918 (40 Stat. at Large, 459); the fourth paragraph of section 12 of the "Trading with the Enemy Act" was amended in certain particulars, among others, to enlarge the powers of sale and disposition of enemy property conferred upon the Alien Property Custodian by said

section 12 of the original act as approved October 6, 1917. Said amendment among other things authorized said Alien Property Custodian, acting under the supervision and direction of the President, and under such rules and regulations as the President might prescribe, to manage such property or do anything or things in respect thereto, or make any disposition thereof, or any part thereof, by sale or otherwise, and to exercise any rights or powers which might be or become appurtenant thereto, or to the ownership thereof in like manner as though he were the actual owner thereof; but it was expressly provided by said amendment that any property sold under said act as amended, except when sold to the United States, should be sold only to American citizens at public sale to the highest bidder after public advertisement of the time and place of sale, unless the President, stating the reasons therefor in the public interest, should otherwise determine.

FOURTEENTH. By two Executive orders dated, respectively, the 15th and 16th days of July, 1918, the President did prescribe the rules and regulations which should govern the custody, management, sale, and disposition of property by the Alien Property Custodian, subject to the terms, conditions, and limitations of said "Trading with the Enemy Act" and of said amendment approved March 28, 1918, as will more fully appear from an examination of the terms and provisions of said Executive orders, to which reference is hereby made.

FIFTEENTH. In the administration of said "Trading with the Enemy Act," as amended by the act approved March 28, 1918, aforesaid, it was determined by the Alien Property Custodian and others charged with the administration thereof under his direction and by the Attorney General of the United States, that said "Trading with the Enemy Act," as amended, did not authorize the seizure and sequestration or sale or other disposition of enemy-owned patents, copyrights, trade-marks, labels, and similar rights or applications therefor, or contracts with respect thereto, mentioned in the NINTH paragraph hereof; and it was subsequently claimed that in many cases where it was deemed desirable to make sale of manufacturing plants and other properties or business of enemies or allies of enemies, as defined in said "Trading with the Enemy Act," which had been seized or taken possession of by the Alien Property Custodian pursuant to the terms thereof, that much of the value of said properties arose out of licenses or other rights granted to the persons or corporations owning or operating said properties or undertakings to use patents, copyrights, trade-marks, labels, or other similar rights necessary in the operation or conduct of said properties or undertakings, which licenses or other rights had been granted by the enemy owners of said patents, copyrights, trade-marks, labels, or other rights, prior to the declarations of war as aforesaid, but many of which by their terms were terminable at the will of the owner of said patents or the rights so granted; that an advantageous or judicious sale of said proper-

ties or enterprises could not be made without a transfer to the purchaser thereof of the patents, copyrights, trade-marks, labels, or other rights, as the case might be, so used and employed in the operation of said properties or in the conduct of said business. Thereupon, the Alien Property Custodian, or assistants acting on his behalf, represented to Congress the alleged facts aforesaid with relation to said enemy-owned patents, copyrights, trade-marks, labels, and other similar rights used or employed in the operation of properties, or conduct of business proposed to be sold, and requested that subsection (c) of section 7 of the "Trading with the Enemy Act" should be amended so as to authorize the seizure of enemy-owned patents, copyrights, trade-marks, labels, and other similar rights, applications therefor and rights to apply for the same, choses in action and rights and claims of similar character and description by the Alien Property Custodian and the custody, management, and disposition thereof under the terms and provisions of the original "Trading with the Enemy Act" as amended by the aforesaid act approved March 28, 1918. It was expressly represented that the sole purpose of said proposed amendment was to give to the Alien Property Custodian the power to seize such of the patents, copyrights, trade-marks, labels, and other similar rights, as were used in the operation or conduct of property or business proposed to be sold by the Alien Property Custodian and to enable said Alien Property Custodian to carry out the terms and pro-

visions of the original "Trading with the Enemy Act" and the amendment thereto aforesaid, with respect to said enemy properties and business; all of which will more fully appear from a copy of the statement of Lee C. Bradley, Esq., general counsel of the Alien Property Custodian, before the Subcommittee of the Committee on Appropriations of the United States Senate, on October 21, 1918, hereto annexed as Exhibit A and prayed to be read as a part of this bill of complaint.

SIXTEENTH. Acting upon the faith of the representations aforesaid and solely for the purposes aforesaid, Congress did, by an act entitled "An act making appropriations to supply deficiencies in appropriations for the fiscal year ending June thirtieth, nineteen hundred and nineteen, and prior fiscal years on account of war expenses and for other purposes," approved November fourth, nineteen hundred and eighteen (40 Stat. at Large, 1020), amend subsection (c) of section 7 of the "Trading with the Enemy Act" so as to provide that if the President should so require, any money or other property, including patents, copyrights, applications therefor and rights to apply for the same, trade-marks, choses in action, and rights and claims of similar character and description owing, or belonging to, or held for, by, or on account of, or on behalf of, or for the benefit of an enemy or ally of an enemy not holding a license granted by the President thereunder, which the President after investigation, should determine to be so owing, or belong or be so held, should be conveyed, transferred,

assigned, delivered, or paid over to the Alien Property Custodian, or the same might be seized by the Alien Property Custodian; and all property thus acquired should be held, administered, and disposed of as elsewhere in said act provided. Said amendment further provided the procedure by which the seizure or taking possession of said patents and other rights mentioned should be accomplished, reference being hereby made to said act of Congress for full statement of the terms, provisions, and conditions thereof.

SEVENTEENTH. By Executive order No. 3016, dated the 3d day of December, 1918, the President vested or undertook to vest in the Alien Property Custodian the executive administration of all the provisions of said subsection (c) of section 7 of said "Trading with the Enemy Act," as amended by the act approved November 4, 1918, aforesaid, and vested or undertook to vest in Frank L. Polk all power and authority conferred upon the President by the provisions of section 12 of said "Trading with the Enemy Act" as amended, except as in said Executive order provided, reference being hereby made to said Executive order for full statement of the terms and provisions thereof. Complainant does not admit the validity of said Executive order or any part or provisions thereof, but submits to the court all questions as to the validity of said Executive order and of each clause or provision thereof, including the question as to whether the President had power or authority to vest or could validly vest in said Frank L. Polk the exercise of the Executive functions required to be exercised by the President under

the provisions of said section 12 of said "Trading with the Enemy Act," as amended.

EIGHTEENTH. Complainant is informed and believes and therefore avers that for several years prior to the declarations of war aforesaid various persons, firms, and corporations engaged in the production, manufacture, and sale of dyes, and the ingredients thereof, and of kindred or similar chemical materials and products, had been engaged in the formation and development of plans for the complete monopolization and control of the dyestuffs and organic chemical industry in the United States through or by means of the purchase or other acquisition of the plants, business, or rights of persons, firms, and corporations engaged in such business; through or by means of consolidating or merging of corporations owning, operating, or conducting plants engaged in the production, manufacture, sale, and distribution of dyestuffs or the ingredients thereof, and of chemical products; through or by means of contracts and agreements between those controlling the production, manufacture, sale, and distribution of said products; through or by means of the formation of trade and cooperative associations, and by other like methods.

NINETEENTH. The declarations of war aforesaid had automatically stopped the importation into the United States of dyestuffs and the necessary ingredients thereof, and of chemical materials and products from Germany which was and for a long time had been the chief producer thereof, and this greatly aided and facilitated the aforesaid persons, firms, and corpora-

tions engaged in the manufacture, sale, and distribution of said products, in the United States, in perfecting and carrying into effect the aforesaid plans and purposes for or relating to the control and monopolization of said industries.

TWENTIETH. Complainant is further informed, believes and therefore avers that by or before June, 1918, the aforesaid plans and purposes for the complete control and monopolization of said dyestuffs and chemical industry had developed to a point where the essential basic and intermediate ingredients in the manufacture of dyes and many of the essential chemicals used and necessary in connection therewith were controlled by a limited number of corporations, working in close alliance with each other, chief among these being the National Aniline & Chemical Company, which had been formed in 1917 through the consolidation of numerous corporations then engaged in the manufacture, sale, and distribution of dyestuffs and chemicals and the ingredients thereof, the General Chemical Company, the Solvay Process Company, the Semet-Solvay Company, the Barrett Company, and E. I. du Pont de Nemours & Co. Further control of said industry had then been or was then being affected and accomplished through or by means of agreements between said corporations and other persons, firms, and corporations engaged in like business in America and foreign countries, and through or by means of the trade organizations, among others the American Dyes Institute, the Chemical Manufacturers Association of the United

States, [the Textile Alliance, Inc.]* and their affiliated organizations, of which the persons, firms, and corporations engaged in the manufacture, sale, and distribution of dyes and chemicals and the essential ingredients thereof or a large proportion thereof, were members. Complainant is informed, believes, and therefore charges that through and by means of the methods, agreements, and organizations aforesaid, there was in June, 1918, and has since continued, an organized and united control and monopoly of the manufacture, sale, and distribution of dyes and the ingredients thereof, and of chemicals related thereto or used in connection therewith in the United States; and that said combination, monopoly, and control has since been further developed and perfected by and through the consolidation in 1920 of the General Chemical Company, the Solvay Process Company, the Semet-Solvay Company, the Barrett Company, and the National Aniline and Chemical Company into a single corporation known as the Allied Chemical and Dye Corporation.

TWENTY-FIRST. A large proportion of the enemy-owned patents, copyrights, trade-marks, labels and other similar rights and the applications therefor mentioned in Paragraph NINTH hereof, covered or related to dyestuffs, or the necessary ingredients thereof, or methods or processes used and employed in the manufacture or production thereof; and complainant is informed and believes and therefore avers that the persons, firms, and corporations which had acquired practical control of the dyestuffs and chemical industry

*Note: Matter enclosed in brackets stricken out by amendment June 7, 1923.

in the United States, as aforesaid, conceived that upon the termination of the aforesaid war their monopoly and control of said industry in the United States, established as aforesaid, would be threatened by competition and importation from foreign sources and especially from Germany, in which country large amounts of such chemicals and dyestuffs were produced, unless they, the persons, firms, and corporations aforesaid, could obtain control of said enemy-owned patents, copyrights, trade-marks, labels, and other similar rights and applications therefor, covering, affecting, or relating to said dyestuffs and chemical industry, and could through such control of said enemy-owned patents and other rights prevent the importation of such dyestuffs, chemicals, and ingredients thereof into the United States save and except upon such terms and conditions and subject to such charges and royalties, as they, the aforesaid persons, firms, and corporations, might through the ownership of or control of said patents, copyrights, trade-marks, labels, and other similar rights, impose, and could thus prevent competition in said business and industry and perfect, protect, and perpetuate their monopoly and control thereof in the United States.

TWENTY-SECOND. That with the object and purpose of securing such control of said enemy-owned patents, copyrights, trade-marks, labels, and other similar rights and applications therefor, and for the purposes hereinbefore stated, said persons, firms, corporations, and trade associations and others associated with them

in said industry and in the control and monopoly thereof conceived and entered into a scheme, combination, and conspiracy prior to or about November, 1918, to induce and procure the seizure of said enemy-owned patents, copyrights, trade-marks, labels, and other similar rights and applications therefor by the Alien Property Custodian, and the sale, transfer, and assignment thereof by said Alien Property Custodian to themselves or to some corporation, agency, or institution controlled by them.

TWENTY-THIRD. Complainant is informed and believes and therefore avers that in pursuance of said plan, scheme, and conspiracy the persons, firms, corporations, and associations aforesaid, parties thereto, about or soon after June, 1918, through their duly authorized representatives, and especially through one Morris R. Poucher, representing and acting for said conspirators, approached said Alien Property Custodian and certain of his assistants, and especially Francis P. Garvan, who was then and for a long time prior thereto had been Chief of the Bureau of Investigation and also Director of the New York office of the Alien Property Custodian, and who continued to occupy said positions in the organization of the Alien Property Custodian until March 3, 1919, when he was appointed and became Alien Property Custodian, as hereinbefore stated; Joseph H. Choate, Jr., who was then and for a long time prior thereto had been an attorney for the Alien Property Custodian in charge of the chemical matters in the Bureau of Investigation

existed, to seize and sell such patents pretended to be given by said amendment of November 4, 1918, should be modified or terminated, said attorneys in charge of said work obtained the right through the Alien Property Custodian to work day and night shifts and also on Sundays in said patent office. As the patents so selected by said attorneys and their assistants in the employ of the parties to said scheme and conspiracy were listed by them, such lists were turned over to a representative of the Alien Property Custodian, also stationed in said patent office. Thereupon there were instituted and taken by or on behalf of the Alien Property Custodian, such proceedings as were necessary to demand, seize, and obtain custody and control of the same by the Alien Property Custodian, and from time to time said enemy-owned patents, copyrights, trade-marks, labels, and other similar rights and applications therefor so selected were seized or demanded by, and taken into the custody and control of the Alien Property Custodian. Complainant avers and charges that substantially all the enemy-owned patents, copyrights, trade-marks, labels, and other similar rights and applications therefor which are the subject of this complaint and which were so seized at the instigation, request, and procurement of said parties to said scheme or conspiracy, were not then being used in connection with or as a part of and had no relation to any enemy-owned plant, property, or business then in the custody of the Alien Property Custodian, or which were to be sold or disposed of by him.

TWENTY-FIFTH. Further carrying out and in pursuance of said scheme or conspiracy, the persons, firms, corporations, and associations aforesaid, acting through their common representative or representatives as aforesaid, procured and induced the said Francis P. Garvan, Joseph H. Choate, Jr., and Ramsey Hoguet and other assistants, agents, and employees of the Alien Property Custodian to incorporate on or about the 19th day of February, 1919, and organize under the laws of the State of Delaware, defendant, The Chemical Foundation, Incorporated, for the purpose of and as a device for acquiring by purchase from the Alien Property Custodian and taking title to said enemy-owned patents, copyrights, trade-marks, labels, and other similar rights and applications therefor, and to issue licenses for the use and enjoyment of said patents, copyrights, trade-marks, labels, and other similar rights and applications therefor, or the rights granted thereby. A copy of the certificate of incorporation or charter and a copy of the by-laws of said defendant are hereto annexed as Exhibit B and prayed to be read as a part hereof.

TWENTY-SIXTH. Said certificate of incorporation or charter of defendant, The Chemical Foundation, Incorporated, provided that the total authorized capital stock of said corporation should be $500,000, divided into 5,000 shares of $100 each, of which 4,000 shares of an aggregate par value of $400,000 should be preferred

stock and 1,000 shares of an aggregate par value of $100,000 should be common stock. Said preferred stock was without voting power except on the matter of amendment of said charter, which it was provided by said charter, might be amended from time to time by a vote of three-fourths in number and amount of the preferred and common stockholders, thus vesting in the holders of the preferred stock full power to amend the same as will more fully appear from a copy of the said charter, annexed hereto as part of Exhibit B aforesaid, to which reference is hereby made.

TWENTY-SEVENTH. In order to induce and procure the organization of said corporation for the purposes aforesaid, for the benefit of the said persons, firms, and corporations in control of the dyestuffs and chemical industry, as hereinbefore set forth, who were parties to said scheme and conspiracy to obtain the ownership or control of said enemy-owned patents and other rights, in furtherance of said scheme and conspiracy, the initial expense of seizing said patents and other rights and the organization of said corporation was provided for by advances made by said parties to said conspiracy direct or through said American Dyes Institute and said parties also agreed to underwrite and did in fact underwrite the financial requirements for the organization of said defendant corporation to the amount of $460,600; a list of said underwriters or subscribers with the amount of their respective subscriptions is hereto annexed as Exhibit C and prayed to be read as a part hereof.

TWENTY-EIGHTH. In the further carrying out of said scheme or conspiracy, the parties aforesaid engaged in the organization of said defendant corporation for the purposes aforesaid and in order to prevent and avoid any competitive bidding for said patents and other rights when sold, undertook to induce, and did in fact induce substantially all of the persons, firms, and corporations engaged in said dyestuffs and chemical industry who might become bidders for said patents, copyrights, trade-marks, labels, and other rights or applications therefor or any part thereof at a sale thereof, if made by the Alien Property Custodian, to become interested as stockholders in said The Chemical Foundation, Incorporated, as will more fully appear from a list of said preferred and common stockholders with the amount of their respective holdings, hereto annexed as Exhibit D and prayed to be read as a part hereof. And complainant is informed, believes, and therefore avers that all of the capital of said defendant, The Chemical Foundation, Incorporated, was subscribed by, and all the capital requirements of said defendant were provided by the persons, firms, and corporations interested in or engaged in said dye or chemical business, and that all or a large proportion thereof was in fact subscribed and provided by the persons, firms, and corporations who had formed the scheme, combination, or conspiracy to obtain control or ownership of said enemy-owned patents, through the Alien Property Custodian, as and in the manner hereinbefore set forth.

TWENTY-NINTH. As a part of the plan for the organization of said defendant, The Chemical Foundation, Incorporated, and for carrying out the scheme and conspiracy aforesaid, provision was made for the deposit of the common stock of said corporation with voting trustees under a voting trust agreement to continue in force until the first of December, 1936, and it was arranged that the voting trustees under said agreement should be the members of the Advisory Sales Committee of the Alien Property Custodian who were required to pass upon any sale of said patents and other rights when sold to said defendant. By action of the board of directors of said corporation it was expressly provided that no subscriptions should be received to the common stock of said defendant corporation and no certificates for common stock should be used unless and until the subscribers therefor should execute and become parties to said trust agreement for the deposit of said stock with said voting trustees for the purposes aforesaid, and under the terms and conditions of said agreement. A copy of said voting trust agreement is hereto annexed as Exhibit E and prayed to be read as a part hereof. Complainant is informed, believes, and therefore avers that all of the certificates for common stock issued by said defendant corporation were in fact deposited with the voting trustees under said agreement and are now held by said trustees under the terms and provisions thereof.

THIRTIETH. Under the charter and by-laws of said defendant corporation, Exhibit B aforesaid, the gen-

eral power was vested in the board of directors thereof, consisting of three members, to manage the affairs of said corporation, including the power to issue and refuse licenses authorized to be issued by said corporation for and under any patents and other rights aforesaid owned or acquired by it; and by resolution of said board of directors subsequently adopted, two members of said board acting together constituted a licensing committee to fix uniform fees and royalties for licenses granted by said corporation. Thereafter, by action of the stockholders of said corporation a committee to be known as "Chemical Foundation Advisory Committee" was created with full power under the supervision and control of said directors to promote the interests, objects, and purposes of the corporation and to cooperate in an advisory capacity with The Chemical Foundation, Incorporated, in the determination of its general policies and of its policies regarding forms, limitation, and distribution of licenses under its patents and other rights aforesaid. It was provided by the constitution under which said committee was formed that said committee should consist of the president and the vice-president of The Chemical Foundation, Incorporated, and members of the dyestuffs and chemical industry, being a representative of the American Dyes Institute and a representative of the Manufacturing Chemists' Association of the United States, to be chosen by such associations, the chairman of the Section Committee of The Chemical Foundation, Incorporated, and not to exceed five committee members

at large to be chosen by the president of The Chemical Foundation, Incorporated, all of which will more fully appear from a copy of said constitution annexed hereto as Exhibit F and prayed to be read as a part hereof.

THIRTY-FIRST. By virtue of the proceedings aforesaid, in the carrying out of said scheme and conspiracy by the parties aforesaid said The Chemical Foundation, Incorporated, was incorporated on or about the 19th day of February, 1919, and said corporation was duly organized, upon the plan aforesaid, with the following officers, that is to say:

PRESIDENT: FRANCIS P. GARVAN, who had been for a long time theretofore Chief of the Bureau of Investigation and also Director of the New York office of Alien Property Custodian, and was at the date of his election as President of said The Chemical Foundation, Incorporated, on March 8, 1919, the Alien Property Custodian.

VICE-PRESIDENT: DOUGLAS I. MCKAY, of New York, who had theretofore been appointed and was then serving as Director for the Alien Property Custodian of certain corporations in the custody of said Alien Property Custodian.

SECRETARY AND TREASURER: GEORGE J. CORBETT, who had been up to that time vice-president of the Central Union Trust Company of New York, which was one of the chief depositories of the Alien Property Custodian; and said George J. Corbett was also at said time an officer and agent in certain corporations in the custody of said Alien Property Custodian.

GENERAL COUNSEL: JOSEPH H. CHOATE, JR., who was then and had been for a long time theretofore and thereafter continued to be an attorney for the Alien Property Custodian in charge of the chemical matters in its Bureau of Investigation.

PATENT ATTORNEY: RAMSEY HOGUET, who was then and had been for a long time theretofore and thereafter continued to be patent attorney for the Alien Property Custodian.

BOARD OF DIRECTORS: The president, vice-president, and secretary of the corporation aforesaid.

VOTING TRUSTEES for the common stock:

OTTO T. BANNARD, who was then and continued to be a member of the Advisory Sales Committee of the Alien Property Custodian, who in November, 1917, had been appointed assistant to the Alien Property Custodian and served for a short time as such; and who was then president of the New York Trust Company, one of the chief depositories of, and a liquidator for the Alien Property Custodian.

CLEVELAND H. DODGE, who was then and continued to be a member of the Advisory Sales Committee of the Alien Property Custodian.

GEORGE H. INGRAHAM, of New York, who was then and continued to be a member of the Advisory Sales Committee of the Alien Property Custodian and who also had been appointed by the Alien Property Custodian as counsel representing the interest of the Alien Property Custodian in certain litigation.

B. HOWELL GRISWOLD, JR., of Baltimore, who was

then and continued to be a member of the Advisory Sales Committee of the Alien Property Custodian.

Ralph Stone, of Detroit, who was then and continued to be a member of the Advisory Sales Committee of the Alien Property Custodian, and who in November, 1917, had been appointed Director of the Bureau of Trusts of the Alien Property Custodian and had served for a short time in such capacity.

And thereafter there was added to said organization the Advisory Committee of The Chemical Foundation, Incorporated, aforesaid, consisting of the president and vice-president of The Chemical Foundation, Incorporated, a representative of the American Dyes Institute, a representative of the Manufacturers Chemical Association of America, chairman of the Section Committee of The Chemical Foundation, Incorporated, and five additional members to be appointed by the president of The Chemical Foundation, Incorporated.

And complainant avers and charges that the said defendant, The Chemical Foundation, Incorporated, was devised, incorporated, and organized by or at the procurement of the aforesaid parties to said scheme and conspiracy to procure through the Alien Property Custodian the ownership or control of said enemy-owned patents, copyrights, trade-marks, labels, and other similar rights and applications therefor, and that the said corporation was a mere device and expedient employed by said parties to said scheme and conspiracy to acquire, secure, and obtain from the Alien Property Custodian said properties and rights

for their private benefit and for the purposes herein set forth.

THIRTY-SECOND. Subsequent to the 4th day of November, 1918, and prior to the 2d day of July, 1921, the Alien Property Custodian, acting at the instance and inducement of the parties to the aforesaid scheme and conspiracy, and upon or with respect to lists of enemy-owned patents, copyrights, trade-marks, labels, and other similar rights and applications therefor or contracts with respect thereto, furnished by the attorneys and agents of said persons, firms, and corporations as aforesaid, and claiming to act under provisions of said "Trading with the Enemy Act" and the amendments thereto, and the executive orders and proclamations issued in pursuance thereof, did determine that the respective holders and owners of certain patents, copyrights, trade-marks, labels, and other similar rights or applications therefor and contracts with respect thereto, hereinafter mentioned, were enemies or allies of enemies not holding a license granted by the President within the purview of said act as amended and said orders and proclamations, and did further determine that each of said patents, copyrights, trade-marks, labels, and other similar rights or applications therefor or contracts with respect thereto and all right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement thereof, belonged to, or was held for, or on account of, or on behalf of, or for the benefit of said enemy,

and did as such Alien Property Custodian seize or demand said letters patent and other rights hereinafter mentioned and all right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement thereof, and did, as such Alien Property Custodian, require the same to be conveyed, transferred, assigned, and delivered to him as Alien Property Custodian and did, as such Alien Property Custodian on the dates hereinafter mentioned, file a copy of his said respective determinations, requirements, and seizures in the proper office for filing, registering, or recording of conveyances, transfers, or assigns of patents, copyrights, trade-marks, or other rights therein or any other rights to be recorded, and did cause the same to be recorded among the transfers of patents, copyrights, trade-marks, and other similar rights or applications therefor or contracts with respect thereto in the books and on the pages hereinafter mentioned: and said filing or recording of said instruments did operate to convey to and vest in complainant and the Alien Property Custodian as an officer of complainant any rights and interests in and powers with respect to said patents, copyrights, trade-marks, labels, and other similar rights or applications therefor or contracts with respect thereto as and to the extent provided in and by said "Trading with the Enemy Act" and amendments thereto and orders and proclamations issued with respect thereto and in and by any and all other laws of the United States

applicable thereto. A complete schedule of the said patents, copyrights, trade-marks, labels, and other similar rights or applications therefor, or contracts with respect thereto, showing the serial or identification number of such patent or other right, the title thereto, the date of demand or seizure thereof by the Alien Property Custodian, the date of filing the same for record, and the date and place of record thereof is hereto annexed as Exhibit G, Schedules 1 to 21, inclusive, and prayed to be read as a part of this bill of complaint with the same force and effect as if the statements in said Exhibit G contained as to each of said patents, copyrights, trade-marks, labels, and other similar rights or applications therefor or contracts with respect thereto were specifically and at length averred herein.

THIRTY-THIRD. On the 26th day of February, 1919, Frank L. Polk, claiming to act under and by virtue of authority vested in the President by the "Trading with the Enemy Act" and amendments thereto and alleged to have been vested in him by Executive order No. 3016, dated the 3d day of December, 1918, hereinbefore mentioned, undertook to authorize the said Alien Property Custodian to sell at private sales without public advertisement to the defendant, The Chemical Foundation, Incorporated, at such place and upon such terms and conditions as to the said Alien Property Custodian or his authorized agents might seem proper, all of the letters patent and trade-marks, including all profits and damages recoverable at law

or in equity for the past infringement thereof, which said Alien Property Custodian might seize or had seized under the provisions of said "Trading with the Enemy Act" and amendments thereto, then or thereafter enacted, and which said Alien Property Custodian from time to time might determine to relate to the objects and purposes of said defendant, The Chemical Foundation, Incorporated, as expressed and defined by its charter; all of which will more fully appear from an examination of the terms and provisions of said order, to which reference is hereby made. By further order dated April 5, 1919, the said Frank L. Polk, claiming to act under and by virtue of the pretended powers and authorities aforesaid, undertook to authorize said Alien Property Custodian to sell all the copyrights, certificates of registration therefor and the publications upon which said registrations were granted, applications for letters patent and for registration of trade-marks and copyrights, and all rights thereunder which the Alien Property Custodian might seize or had seized under the provisions of the "Trading with the Enemy Act" and the amendments thereof then or thereafter enacted, and which he, the Alien Property Custodian, might from time to time determine related to the objects and purposes of the defendant, The Chemical Foundation, Incorporated, as expressed in its charter; all of which will more fully appear from an examination of the provisions of said order to which reference is hereby made.

THIRTY-FOURTH. Complainant is informed, believes, and therefore avers that said orders of said Frank L. Polk were in fact prepared by or at the instance of the said defendant, The Chemical Foundation, Incorporated, and at the instance and procurement of the persons, firms, and corporations in control of said dyestuffs and chemical industry, in pursuance of the scheme and conspiracy as hereinbefore set forth; that necessary and essential facts with regard to the seizure and proposed and pretended sale and disposition of said patents and other rights mentioned in said orders at private sale were not stated or disclosed to said Frank L. Polk, but were withheld from him and suppressed; that other facts in connection therewith, and especially the attitude of the Federal Trade Commission, charged with issuing licenses under the enemy-owned patents and other rights aforesaid, with respect thereto, were misstated and misrepresented to said Frank L. Polk; that his signature to said order and the issuance thereof by him were procured as aforesaid through such suppression and misrepresentation of the facts, which, if the same had been known by said Frank L. Polk, would have prevented his signing and issuing said orders; and that said orders were signed and issued by him without knowledge of the facts and upon mistake as to the facts, and that the same were and are for this and other reasons in all respect null, void, and of no effect; and complainant submits to the court the question as to whether said Frank L. Polk was authorized or empowered under the Constitution and laws of the

United States to issue such orders or to exercise the powers therein and thereby sought to be exercised by him.

THIRTY-FIFTH. By Executive order dated February 13, 1920, the President undertook [to confirm and validate the aforesaid orders or pretended orders of Frank L. Polk and any actions taken by the Alien Property Custodian thereunder, and]* to enlarge the powers of the Alien Property Custodian with respect to the private sale of said patents and other rights, and rights incident or pertinent thereto or arising out of the same, as will more fully and at length appear from an examination of the terms and provisions of said Executive order, to which reference is hereby made. Complainant is informed, believes, and therefore avers and charges, that said Executive order was prepared by or at the instance or procurement of said defendant, The Chemical Foundation, Incorporated, at the instance or procurement of said persons, firms, and corporations in control of said dyestuffs and chemical industry and parties to said scheme or conspiracy hereinbefore set forth; that the facts hereinbefore set forth and other facts necessary and essential in relation to said seizure and proposed and pretended sale of said patents, copyrights, and other rights, and rights arising out of or incident thereto, [sought to be confirmed and validated or authorized by said Executive order,]* were not disclosed to the President at the time of or before the signing of said

*Note: Matter enclosed in brackets stricken out by amendment June 4, 1923. (See motion for leave to amend and order thereon, Vol. I, Page 498.)

Executive order and that the same was signed and issued upon an entire misunderstanding or mistake of facts which, if the same had been truly stated and known to the President, would have prevented his signing or issuing the said order; that said Executive order was not authorized by law, and that the same was and is for the reasons aforesaid and for other reasons, without force and effect to authorize, confirm, or validate the pretended sale or disposition of said patents, copyrights and other rights and rights arising out of or relating thereto, [sought to be confirmed, validated and authorized by said Executive order.]*

THIRTY-SIXTH. In pursuance of the scheme and conspiracy aforesaid, the parties aforesaid to said scheme and conspiracy, acting through the said defendant, The Chemical Foundation, Incorporated, its agents or attorneys, induced and procured Francis P. Garvan, as Alien Property Custodian (who was also at the time president of defendant, The Chemical Foundation, Incorporated, as aforesaid), acting under the pretended authority of said "Trading with the Enemy Act" and amendments thereto, and said orders of Frank L. Polk, and in some cases of said Executive order of the President to make, and said Francis P. Garvan as Alien Property Custodian did make, or undertake to make, to said defendant, The Chemical Foundation, Incorporated, certain pretended instruments of sale, assignment, and transfer of the

*Note: Matter enclosed in brackets stricken out by amendment June 4, 1923. (See motion for leave to amend and order thereon, Vol. 1, Page 499.)

patents, copyrights, trade-marks, labels, and other similar rights and applications therefor and contracts with respect thereto, mentioned and described in Exhibit G, Schedules 1 to 19, inclusive, without any reservation or qualification whatever, except as in said respective pretended instruments of sale, assignment, and transfer expressly set forth; said pretended instruments of sale, assignment, and transfer of said patents and other rights being briefly described and stated as follows:

(1) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated April 10, 1919, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents and other rights therein mentioned and described, being approximately 3,880 patents, 246 applications for patents, 851 trade-marks, 492 copyrights and rights growing out of 46 contracts and other rights therein mentioned, for a lump sum or consideration of $250,000; which said instrument was recorded in liber Y. 107, p. 1, of transfers of patents in the United States Patent Office on April 21, 1919, and in book 81, pages 181-186, of the Copyright Office of the United States of America, on April 15, 1919.

(2) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated May 2, 1919, undertaking to assign, sell, and transfer unto said The Chemical

Foundation, Incorporated, certain trade-marks and other rights therein mentioned and described, being 2 trade-marks and rights growing out of one contract and other rights therein mentioned, for a lump sum or consideration of $50.00, which said instrument was recorded in liber J-107, p. 152, of transfers of patents in the United States Patent Office on May 21, 1919.

(3) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated May 6, 1919, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents and other rights therein mentioned and described, being 14 patents and other rights therein mentioned, for a lump sum or consideration of $500.00, which said instrument was recorded in liber A-107, p. 229, of transfers of patents in the United States Patent Office on May 21, 1919.

(4) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated May 15, 1919, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents and other rights therein mentioned and described, being one patent and other rights therein mentioned for the sum or consideration of $50.00, which said instrument was recorded in liber X-107, p. 188, of transfers of patents in the United States Patent Office, on May 21, 1919.

(5) An instrument of pretended sale, assignment,

and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated June 17, 1919, undertaking to assign, sell, and transfer unto the said The Chemical Foundation, Incorporated, certain patents and applications therefor and other rights therein mentioned and described, being approximately 53 patents and 20 applications for patents and other rights therein mentioned, for a lump sum or consideration of $3,650.00, which said instrument was recorded in liber L-107, p. 242, of transfers of patents in the United States Patent Office, on June 27, 1919.

(6) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated June 21, 1919, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents, applications therefor, trade-marks, contract rights, and other rights therein mentioned and described, being approximately 2 patents, 1 application for patent, 3 trade-marks and rights growing out of 3 contracts and other rights therein mentioned, for a lump sum or consideration of $450.00, which said instrument was recorded in liber H-107, p. 259, of transfers of patents in the United States Patent Office on July 10, 1919.

(7) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated October 17, 1919, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents and

other rights therein mentioned and described, being approximately 21 patents and other rights therein mentioned, for a lump sum or consideration of $1,050.00, recorded in liber P-108, p. 441, of transfers of patents in the United States Patent Office on November 14, 1919.

(8) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated December 9, 1919, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain applications for patents and other rights therein mentioned and described, being approximately 22 applications for patents and other rights therein mentioned, for a lump sum or consideration of $1,100.00, which said instrument was recorded in liber Z-109, p. 69, of transfers of patents in the United States Patent Office on December 19, 1919.

(9) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated February 26, 1920, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, and to ratify and confirm the previous attempted sale, assignment, and transfer unto said The Chemical Foundation, Incorporated, of certain rights under contracts relating to patents and other rights, and other rights therein mentioned and described, being rights growing out of approximately 49 contracts and other rights therein mentioned without consideration other than the sum of

$250,000 theretofore paid by said The Chemical Foundation, Incorporated, for the instrument of pretended sale, assignment, and transfer dated April 10, 1919, hereinabove mentioned, and the sum of $450.00 theretofore paid by said The Chemical Foundation, Incorporated, as consideration for the pretended instrument of sale, assignment, and transfer dated June 21, 1919, hereinabove mentioned, which said instrument was recorded in Liber W-112, p. 1, of transfers of patents in the United States Patent Office on December 21, 1920.

(10) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated February 26, 1920, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain rights growing out of contracts relating to patents and other rights therein mentioned and described, being rights growing out of 7 contracts and other rights therein mentioned for a lump sum or consideration of $300.00, which said instrument was recorded in liber S-111, p. 428, of transfers of patents in the United States Patent Office on December 21, 1920.

(11) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated March 9, 1920, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents, trademarks, and other rights therein mentioned and

described, being approximately 26 patents and 20 trade-marks and other rights therein mentioned, for a lump sum or consideration of $2,300, which said instrument was recorded in liber X-108, p. 435, of transfers of patents in the United States Patent Office on March 11, 1920.

(12) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated May 4, 1920, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents and applications therefor and other rights therein mentioned and described, being approximately 34 patents and 1 application for patent and other rights therein mentioned, for a lump sum or consideration of $1,750.00, which said instrument was recorded in liber X-109, p. 199, of transfers of patents in the United States Patent Office on May 20, 1920.

(13) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated May 15, 1920, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents and other rights therein mentioned and described, being approximately 406 patents and other rights therein mentioned, for a lump sum or consideration of $5,000.00, together with the several sums theretofore paid by said The Chemical Foundation, Incorporated, upon the execution and delivery of previous patented assignments,

which said instrument was recorded in liber E-111, p 319, of transfers of patents in the United States Patent Office on November 1, 1920.

(14) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated July 20, 1920, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, a certain patent and other rights therein mentioned, the application for which patent said Alien Property Custodian had previously attempted to sell, transfer, and assign to said The Chemical Foundation, Incorporated, which patent had been subsequently issued to said Alien Property Custodian, the consideration stated in said instrument being the valuable consideration already paid to said Alien Property Custodian by said The Chemical Foundation, Incorporated, which said instrument was recorded in liber B-111, p. 66, of transfers of patents in the United States Patent Office on July 27, 1920.

(15) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated December 21, 1920, undertaking to assign, sell, and transfer certain patents and other rights therein mentioned and described, being approximately 406 patents, and other rights therein mentioned and undertaking to confirm and ratify a previous attempted assignment, sale, and

transfer of said patents and other rights unto said The Chemical Foundation, Incorporated, for a lump sum or consideration of $5,000.00 and the several sums theretofore paid by said The Chemical Foundation, Incorporated, upon the execution and delivery of said previous pretended assignments, which said instrument was recorded in liber V-112, p. 1, of transfers of patents in the United States Patent Office on December 21, 1920.

(16) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated December 21, 1920, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents and other rights therein mentioned and described, being 2 patents and other rights therein mentioned for a lump sum or consideration of $100.00, which said instrument was recorded in liber Q-112, p. 91, of transfers of patents in the United States Patent Office on December 21, 1920.

(17) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated December 21, 1920, undertaking to assign, sell, and transfer to said The Chemical Foundation, Incorporated, and to ratify and confirm a previous attempted sale, transfer, and assignment to said The Chemical Foundation, Incorporated, of certain rights growing out of contracts relating to

patents and other rights therein mentioned and described, being rights growing out of approximately 49 contracts relating to patents and other rights therein mentioned for a consideration stated in said instrument of the sum of $250,000.00 theretofore paid by said The Chemical Foundation, Incorporated, upon the execution and delivery of the pretended assignment dated April 10, 1919, hereinabove mentioned, and the further sum of $450.00 theretofore paid by said The Chemical Foundation, Incorporated, upon the execution and delivery of the pretended assignment, dated June 21, 1919, hereinbefore mentioned, which said instrument was recorded in liber W-112, p. 21, of transfers of patents in the United States Patent Office on December 21, 1920.

(18) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated December 21, 1920, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, and to confirm and ratify prior pretended sales and transfers to said The Chemical Foundation, Incorporated, of certain rights growing out of certain contracts relating to patents and other rights therein mentioned, being rights growing out of 7 contracts relating to patents, and other rights therein mentioned for a lump sum or consideration of $300.00, which said instrument was recorded in liber S-111, p. 432, of transfers of patents in the United States Patent Office on December 21, 1920.

(19) An instrument of pretended sale, assignment, and transfer from Francis P. Garvan, Alien Property Custodian, to the defendant, The Chemical Foundation, Incorporated, dated February 19, 1921, undertaking to assign, sell, and transfer unto said The Chemical Foundation, Incorporated, certain patents and other rights therein mentioned and described, being approximately 355 patents and other rights therein mentioned for a lump sum or consideration of $5,000.00, which said instrument was recorded in liber Y-112, p. 163, of transfers of patents in the United States Patent Office on February 23, 1921.

A true copy of each of said pretended instruments of sale, transfer, and assignment from said Francis P. Garvan, Alien Property Custodian, to The Chemical Foundation, Incorporated, exclusive of the schedules or lists thereto annexed, is hereto annexed as Exhibits H-1 to H-19, inclusive, and prayed to be read as a part hereof, to the same extent and with the same effect as if copied at length herein. The patents and other rights mentioned and described in said respective instruments and in the lists or schedules annexed to said respective instruments are included and identified in Exhibit G, Schedules 1 to 19, inclusive, herewith to which reference is made.

THIRTY-SEVENTH. In further pursuance of said scheme and conspiracy and at the instance, inducement, and procurement of the parties aforesaid, the said Francis P. Garvan, Alien Property Custodian (who was then president of defendant, The Chemical Foundation, Incorporated), did, on the 1st day of

March, 1921, execute and deliver to said The Chemical Foundation, Incorporated, an instrument in writing whereby the said Alien Property Custodian undertook to ratify, confirm, and validate the alleged sales, transfers, and assignments of said patents and other rights theretofore attempted to be made unto said defendant, The Chemical Foundation, Incorporated, and undertook to enlarge and extend the same, without further consideration therefor, as will more fully appear from the copy of said instrument dated March 1, 1921, hereto annexed as Exhibit I and prayed to be read as a part of this complaint.

THIRTY-EIGHTH. Complainant is informed, believes, and therefore avers that each and every of said instruments of pretended sale, transfer, and assignment was prepared by or at the instance of said defendant, its attorneys, or agents, at the instance, inducement, and procurement of the parties to the aforesaid scheme and conspiracy to procure said patents and other rights mentioned for their private gain and benefit, and to protect and preserve their monopoly and control of the dye and chemical industry in the United States as aforesaid; that in their haste and urgent desire to secure colorable title to said patents and other rights, and in complete neglect of the rights and obligations of complainant, said pretended sales were made in many instances without following the law or the usual procedure in such cases established in the office of the Alien Property Custodian; that in many instances a part of the nominal consideration named for said patents and other rights was in fact

paid by the defendant before said pretended sale had been made or consummated; and that some of said patents and other rights mentioned and sought to be assigned by the Alien Property Custodian by the respective instruments mentioned had not, in fact, at the time of such pretended or attempted assignments thereof been seized by and were not in the custody, possession, or control of the Alien Property Custodian; and that said alleged sales, assignments, and transfers, and ratifications and confirmations thereof, were in other respects irregular and in violation of law, and that the same were and are in all respects null, void, and of no effect in law and equity.

THIRTY-NINTH. The said Francis P. Garvan resigned as Alien Property Custodian on the 12th day of March, 1921, and was succeeded in said office on said date by Thomas W. Miller, who thereafter, as Alien Property Custodian, executed and delivered to the defendant, The Chemical Foundation, Incorporated, two additional instruments of alleged sale, transfer, and assignment, as follows;

1. An instrument of alleged sale, assignment, and transfer from Thomas W. Miller, Alien Property Custodian, to defendant, The Chemical Foundation, Incorporated, dated the 27th day of April, 1921, purporting to sell, transfer, and assign to said defendant the patents and other rights mentioned and listed in Schedules A and B therewith, a true copy of said instrument, together with the accompanying schedule, is hereto annexed as Exhibit J and prayed to be read as a part hereof.

2. An instrument of alleged sale, assignment, and transfer by Thomas W. Miller, Alien Property Custodian, to defendant, The Chemical Foundation, Incorporated, dated the 5th day of November, 1921, wherein and whereby the said Thomas W. Miller as Alien Property Custodian undertakes to confirm and ratify the sale and assignment theretofore made to the said defendant of certain trade-marks and registrations thereof and of all property rights thereto appertaining, which said trade-marks are mentioned and described in Exhibit G, Schedule 21, hereof, to which reference is hereby made. A copy of said instrument, exclusive of the schedule thereto annexed, is filed herewith as Exhibit K and prayed to be read as a part hereof.

Complainant is informed, believes, and therefore avers that said instruments of alleged sale, assignment, and transfer were prepared by or at the instance and procurement of said defendant, The Chemical Foundation, Incorporated; that said Thomas W. Miller as Alien Property Custodian executed said instruments without knowledge of the facts herein set forth and other necessary and essential facts in relation to the alleged sale, assignment, and transfer of said patents and other rights; that said facts were withheld from him with intent and purpose to secure the execution by him of the instruments aforesaid, which he would not have executed had the true facts been known to him; that said alleged sales, assignments, and transfers were without adequate consideration, and especially said instrument of November 5,

1921, was made, executed, and delivered without any consideration whatever; that said alleged sales, transfers, and assignments were otherwise irregular and contrary to law, and were and are in all respects null, void, and of no effect in law or equity.

FORTIETH. The parties aforesaid to the scheme and conspiracy aforesaid having as complainant is informed, believes and charges, through their representatives in the manner aforesaid induced and procured the organization of the defendant corporation, and having induced and procured the complete cooperation of the Alien Property Custodian and the essential agents and attorneys of said Alien Property Custodian in the manner aforesaid, and by making said Francis P. Garvan who was then Alien Property Custodian and the various officers, assistants, attorneys and agents of the Alien Property Custodian, aforesaid also the officers, agents, and attorneys of said defendant, The Chemical Foundation, Incorporated, proceeded through said defendant corporation to procure the seizure by the Alien Property Custodian and the pretended sale and transfer to said corporation in the manner aforesaid, of substantially all of the enemy-owned patents and other rights which had not theretofore been disposed of, and which were of any substantial value, whether the same related to the objects and purposes of the defendant corporation or not; and complainant avers that a large number of the patents, copyrights, trade-marks, labels, and other similar rights and applications therefor or contracts

relating thereto, mentioned and described in and sought to be sold, assigned, and transferred to said defendant by the instruments aforesaid, such as for example machines for making fringes, gas engines, airplane parts, telescopes, field and spectacle glasses, turbine engines, and many other like valuable rights, did not in any way relate to the objects or purposes of said The Chemical Foundation, Incorporated, as expressed and defined by its charter, but were entirely foreign to the objects and purposes thereof, and that the pretended transfer, sale, and assignment thereof to defendant corporation was solely for the private gain of said corporation and the parties to said scheme and conspiracy aforesaid who were interested in said defendant, The Chemical Foundation, Incorporated; all of which will more fully appear from an examination of the lists of said patents and other rights in the various schedules of Exhibit G aforesaid to which reference is hereby made.

FORTY-FIRST. Prior to the seizure or acquisition of custody or control of said patents and other rights by Alien Property Custodian, as hereinbefore set forth, the Federal Trade Commission, acting under and in pursuance of the provisions of said "Trading with the Enemy Act" and amendments thereto and orders and proclamations relating thereto, and especially by virtue of the Executive order October 12, 1917, hereinbefore set forth, had licensed to certain citizens of the United States and corporations organized within the United States the right to use

certain of said patents, copyrights, trade-marks, and other similar rights for considerations to be paid by said licensees to the Alien Property Custodian and deposited with the Treasurer of the United States, as provided by said act and the amendments thereto and the orders and proclamations aforesaid. A list of the licenses so issued, together with the royalties accrued or collected therefrom to the date of the pretended assignments thereof to the defendant is hereto annexed as Exhibit L and prayed to be read as a part hereof. Since the seizure and pretended sale, assignment, and transfer of said patents, copyrights, and other rights hereinbefore mentioned, by the Alien Property Custodian to defendant, The Chemical Foundation, Incorporated, said defendant corporation has issued other licenses for the use and enjoyment of said patents, copyrights, and other rights so alleged to have been sold, assigned, and transferred to it by said Alien Property Custodian, and said defendant has also collected royalties on certain amounts of products alleged to have been covered by said patents, copyrights, and other rights, imported into the United States since the alleged sale, assignment, and transfer thereof to said defendant. Complainant is not informed as to the exact number of licenses so issued by The Chemical Foundation, Incorporated, or as to the exact patents, copyrights, or other rights under which the same were issued or to which the same relate, but avers that such licenses have been as yet issued by defendant, The Chemical Foundation, Incorporated, under a comparatively small number of patents, copy-

rights and other rights among the large number thereof alleged to have been sold, assigned, and transferred to it, as hereinbefore set forth.

FORTY-SECOND. Complainant is informed and believes and therefore avers that defendant, The Chemical Foundation, Incorporated, is now claiming under and by virtue of the pretended instruments of assignments aforesaid that the said defendant is entitled to receive, collect, and have paid over to it as alleged owner of said patents, copyrights, and other rights pretended to have been so assigned as aforesaid all of the accrued royalties thereon under licenses issued by the Federal Trade Commission, aforesaid, and all royalties which may accrue under said licenses, as well as all royalties or other income or increment which may accrue or have accrued, or may be or have been derived from licenses which may have been or may hereafter be issued under said patents, copyrights, trade-marks, or other similar rights by said The Chemical Foundation, Incorporated. Complainant is informed and believes and therefore avers that the amount of such royalties accrued under licenses issued by the Federal Trade Commission aforesaid, and by defendant, The Chemical Foundation, Incorporated, aforesaid, under certain of said patents, aggregate as of the 30th day of June, 1922, the sum of $1,152,048.36; that the present average income from and under patents, copyrights, and other rights so claimed, and under a small number of which patents and other rights licenses have already been issued, is approxi-

mately $300,000 per annum, which income can be greatly increased by the issue of additional licenses and the increasing royalties chargeable under said patents and other rights upon imports of products covered thereby; and that the average life of patents and other rights alleged to have been sold to said The Chemical Foundation, Incorporated, is in excess of 8 years.

FORTY-THIRD. Complainant is informed and therefore avers that the actual original cost to the grantee or registered owner of said patents, copyrights, trade-marks, and other rights so granted or registered by enemy owners as aforesaid, and of securing the issue of such patents and other rights and the registration of said copyrights, trade-marks, and other similar rights was in excess of $50.00 for each of said patents or other rights so granted or registered; that the consideration paid or alleged to have been paid to said Alien Property Custodian by defendant, The Chemical Foundation, Incorporated, for and on account of said patents, copyrights, and other rights hereinbefore described was less than $50.00 for each of the patents and other rights so pretended to have been sold, transferred, and assigned to said defendant, and alleged to have been purchased by it; and that said consideration was paid to said Alien Property Custodian and by him into the Treasury of the United States in lump sums for the aggregate amount of the consideration for the patents, copyrights, and other similar rights covered by each of said pretended instruments of sale, transfer, and assignment; that the

sums so paid or alleged to have been paid were not segregated to or apportioned among the several patents, copyrights, and other similar rights so alleged to have been sold, transferred, or assigned to the defendant although some of said patents, copyrights, and other rights were of great value, while others were of small value, if anything. Complainant avers that said method of alleged sale, transfer, and assignment and payment of the consideration therefor was contrary to and in every respect opposed to the terms, provisions, and true intent of said "Trading with the Enemy Act," and amendments thereto and orders and proclamations issued thereunder, and of said orders purporting to authorize said pretended sales, transfers, and assignments even if said orders were valid; and complainant further avers and charges that said alleged sales, transfers, and assignments so made were in all respects null, void, and of no effect in law or in equity.

FORTY-FOURTH. Complainant avers that the total aggregate consideration paid or agreed to be paid by defendant, The Chemical Foundation, Incorporated, for all said patents, copyrights, trade-marks, and other rights alleged to have been sold, assigned, and transferred to it by said Alien Property Custodian by the instruments aforesaid, and hereinbefore more fully described, was approximately $271,000; that the present average annual income from the small proportion of said patents, copyrights, trade-marks, and other similar rights under which licenses have

already been issued is in excess of $300,000; and complainant is informed and believes and therefore avers that the actual value of said patents, copyrights, trade-marks, and other rights mentioned and described in said instruments of alleged sale, transfer, and assignment set forth in detail as Exhibit G herewith was at the time that said alleged sales were made and is now many millions of dollars; that the consideration paid or agreed to be paid by said defendant, The Chemical Foundation, Incorporated, for said patents, copyrights, trade-marks, and other similar rights was less than the original cost of procuring or registering the same, and was at the time of said alleged sale and is nominal and wholly and grossly inadequate; and that the alleged and pretended sale of said patents, copyrights, trade-marks, or other similar rights and each of them for the consideration received or agreed to be paid therefor, if sustained, constituted and would constitute a confiscation of said property and property rights for the private benefit of the defendant and of the parties to the scheme and conspiracy aforesaid acting through said defendant, which was unauthorized by and in violation of the Constitution of the United States and amendments thereto and of the treaties made and laws passed in pursuance thereof, and of the rights, interests, duties, and obligations of complainant; and complainant avers and charges that the alleged transactions of sale, transfer, and assignment of said patents, trade-marks, copyrights, and other rights mentioned in said instruments, respectively, and hereinbefore fully described, were and are each and all of them in all respects null, void, and of no

effect either in law or in equity, and that the same should be rescinded and vacated and the parties thereto restored to their original positions in the premises.

FORTY-SIXTH. Complainant avers that the records and facts relating to transactions herein set forth were in the possession and under the control of the Alien Property Custodian, and certain of his assistants, attorneys, and agents, who were also officers of or connected with The Chemical Foundation, Incorporated, until the change in the administration of said office in March, 1921, aforesaid; that many of the records of said office relating to the transactions herein set forth were removed from said possession and control to the office of said The Chemical Foundation, Incorporated, by the officers and said corporation, and many of the facts herein related have only recently come to the knowledge of the complainant; that a short time prior to the 2d day of July, 1922, the said defendant, The Chemical Foundation, Incorporated, instituted numerous suits against licensees, of the patents and other rights hereinbefore mentioned and described, under licenses issued by the Federal Trade Commission as aforesaid, and against the Treasurer of the United States, claiming and asserting its alleged right to certain royalties accruing under said licenses. An investigation of the matters and things hereinbefore set forth by complainant was then in progress and had reached the stage at which complainant deemed it to be its duty to demand the restoration of said patents, copyrights, and other rights hereinbefore

mentioned by said The Chemical Foundation, Incorporated, to the Alien Property Custodian, and an accounting for the income and revenue derived therefrom by said The Chemical Foundation, Incorporated. Thereupon complainant caused formal and written demand to be made upon defendant, The Chemical Foundation, Incorporated, for the restoration of said patents and other rights hereinbefore described and an accounting for the income and revenue derived therefrom. Said demand was made by the Alien Property Custodian by direction and under instructions of the President of the United States, and said demand was refused by the said defendant, The Chemical Foundation, Incorporated; all of which will more fully appear from a copy of a letter from the President to the Alien Property Custodian, dated the 1st day of July, 1922, and a copy of said demand by the Alien Property Custodian, dated the 8th day of July, 1922, and a copy of the reply of the defendant to said demand, all of which are hereto annexed as Exhibit M and prayed to be read as a part hereof.

FORTY-SEVENTH. Complainant charges that each, every, and all of said pretended sales, transfers, and assignments of the patents and other rights aforesaid, were made, and that each, every, and all of said instruments, undertaking, or purporting to evidence, effectuate, confirm, or ratify the same, or any of them, were executed and delivered by the Alien Property Custodian in pursuance of or as a result of the scheme and conspiracy aforesaid; that the same were un-

authorized and were in all respects unlawful; that the said alleged and pretended sales were made, and said instruments executed, for no consideration or for a nominal consideration, or for a consideration which was so wholly and grossly inadequate as to be shocking to the conscience of a court of equity, and a violation of the rights and duties of the complainant and of the Alien Property Custodian under the law; and that said alleged or pretended sales, transfers, and assignments of said patents and other rights and the transactions connected therewith, constituted an effort to, and if sustained would operate to effect a forfeiture or confiscation of said enemy-owned patents and other rights and interests therein or arising therefrom for the private gain of defendant and the parties to said scheme, and without authority of Congress and contrary to the Constitution of the United States and amendments thereto, and contrary to the treaties made and laws passed in pursuance thereof, and contrary to and in violation of the rights and public duties and obligations of complainant. And complainant further avers and charges that the acts, transactions, alleged sales, transfers, assignments, and instruments aforesaid were and are null, void, and of no effect in law or in equity, and that the same should be so adjudged by this court; that said patents and other rights and all interests therein or rights arising therefrom should be by the defendant, and by proper order of this court in the premises, restored and reassigned to complainant or to said Alien Property Custodian for complainant, to be by said Alien Property Cus-

todian held and administered and disposed of as now provided in law, or as may be provided or required by any future legislation by Congress relating thereto; and that said defendant should also be required to account to complainant for, and pay over to said Alien Property Custodian, all income or revenues of every kind or character which may have been received by or accrued to defendant, or which may hereafter be received by or accrue to it from said patents and other rights, or any of them, or any interest therein or rights thereunder, the same to be by said Alien Property Custodian held, administered, and disposed of as required by the "Trading with the Enemy Act," and amendments thereto, and valid orders or proclamations relating thereto, or by any future legislation of Congress applicable thereto.

FORTY-EIGHTH. Complainant further avers that defendant has recently instituted in various District Courts of the United States, and in the Supreme Court of the District of Columbia, numerous suits in equity claimed to have been brought under and in pursuance of the provisions of subsection of section 10 of the "Trading with the Enemy Act," as amended, against the licensees of certain patents, trade-marks, copyrights, and other rights aforesaid holding licenses from the Federal Trade Commission as aforesaid, and also against the Treasurer of the United States,

in which said suits defendant claims and seeks to assert as to certain patents and other rights as against the licensees thereof and the Treasurer of the United States the rights of the owner thereof within the terms of said subsection *f* of said section 10 of the "Trading with the Enemy Act," as amended, and seeks to prosecute the rights as against said licensees and the Treasurer of the United States reserved to the owner of said patents under subsection *f* of section 10 of the "Trading with the Enemy Act," as amended, and to recover the amount of license fees or other revenues accrued thereon under said licenses of the Federal Trade Commission, part of which revenues accrued prior to the seizure of such patents and other rights by said Alien Property Custodian; which said suits are now pending in the several courts aforesaid and proceedings therein have been stayed by stipulation of the defendant pending the filing of this bill of complaint and until the 15th day of September, 1922. Complainant avers that all of the patents and other rights under or with respect to which defendant has instituted said suits and seeks to prosecute the same as owner thereof are among the patents and other rights alleged or pretended to have been sold, transferred, and assigned to the defendant by the Alien Property Custodian by virtue of the acts and transactions hereinbefore in this bill of complaint set forth; that the further prosecution of said suits or any other actions at law or suits in equity against the licensees of said patents under said Federal Trade Commission,

or against the Treasurer of the United States, by the defendant will involve the issues raised by this bill of complaint, will necessitate the prosecution and defense of numerous suits involving the questions herein raised, and will be seriously prejudicial to the rights and interests of complainant, and complainant therefore avers that the further prosecution of said suits by defendant, and the institution or prosecution of any action at law or suits in equity or other proceedings by defendant by virtue of its alleged ownership of said patents and other rights, so licensed by the Federal Trade Commission, whether against the licensees of the said Federal Trade Commission or against the Treasurer of the United States, should be enjoined and restrained until the final adjudication of the questions herein and hereby raised, and the final decree of the court in this cause.

FORTY-NINTH. Complainant further shows that since the pretended acquisition of said patents and other rights by defendant, The Chemical Foundation, Incorporated, as hereinbefore set forth, said defendant has been expending and complainant is informed, and believes and therefore avers, is now spending large sums of money, being a large proportion of the revenues derived as royalties from licenses and other rights issued under said patents and other rights mentioned, for salaries, legal fees, and in publicity and propaganda on behalf of and in creating public sentiment favorable to said The Chemical Foundation, Incorporated, and the transactions aforesaid; that said

defendant is at present in a position to undertake to, and is clothed with apparent authority to convey and dispose of the patents, copyrights, trade-marks, and other rights aforesaid, or parts thereof, or to encumber the same; that it appears from the books and records and from the published statements of said defendant that it is expending and has expended and complainant is informed and believes and therefore avers that said defendant will continue to expend amounts in excess of its income largely for the purposes aforesaid unless enjoined and restrained by this court, and has created and is creating a large deficit; that said defendant has no substantial assets except the patents, copyrights, trade-marks, and other rights aforesaid, pretended to have been sold, transferred, and assigned to it by the Alien Property Custodian, as hereinbefore set forth, and that with the exception of said assets so claimed said defendant is insolvent; and unless said defendant be enjoined and restrained from disposing of or encumbering said patents, copyrights, trade-marks, and other rights aforesaid, or attempting to do so, and from wasting the income derived therefrom on account of royalties or other rights issued by said defendant thereunder or with respect thereto, as hereinbefore set forth, it will have no visible or available assets, or will not have adequate or sufficient assets, with which to comply with the final decree in this cause should the court grant to the complainant the relief herein prayed, to the irreparable injury and damage of the complainant.

WHEREUPON, complainant, being without remedy save in a court of equity where such matters are properly cognizable, respectfully prays:

1. That the process of this honorable court may issue, directed to the defendant, The Chemical Foundation, Incorporated, requiring and commanding it to appear and answer this bill of complaint and each and every allegation hereof but answer under oath is hereby expressly waived.

2. That each, every, and all of the alleged or pretended sales, transfers, and assignments hereinbefore recited from the Alien Property Custodian to defendant, The Chemical Foundation, Incorporated, of patents, copyrights, trade-marks, labels, and other similar rights or applications therefor or contracts with respect thereto, or choses or rights of action growing out of the same, and each, every, and all of the instruments in writing made, executed and delivered by the Alien Property Custodian to said defendant undertaking or purporting to evidence, effectuate, confirm, or ratify any such alleged or pretended sale, transfer, or assignment to said defendant as in this bill of complaint set forth, be adjudged and declared invalid in law and in equity, and be rescinded, set aside and annulled by decree of this court.

3. That defendant, The Chemical Foundation, Incorporated, be commanded and required to execute and deliver in form to be approved by this court, and cause to be recorded in the proper offices of record or registry of the United States, any and all instruments, and to perform any and all acts, deemed

to be necessary or proper by this court to fully restore the complainant and vest in complainant and the Alien Property Custodian as such all rights and titles to, interest in, and custody of said patents, copyrights, trade-marks, labels, and other rights or applications therefor, or contracts with respect thereto, or choses in action or other rights arising thereunder or therefrom, claimed or pretended to have been sold, transferred or assigned to said defendant, The Chemical Foundation, Incorporated, as in this bill of complaint set forth, to the same extent as if said alleged or pretended sales, transfers, and assignments from the Alien Property Custodian to said defendant had not been made (but with such lawful protection to any rights of any licensee or licensees of defendant as the court may give pursuant to the further prayers hereof, and agreeable to the principles of equity); the same to be by said Alien Property Custodian as an officer of complainant held, administered, and disposed of only as directed and required by said "Trading with the Enemy Act" and amendments thereto and valid orders or proclamations relating thereto or as Congress may hereafter by law direct.

4. That defendant, The Chemical Foundation, Incorporated, be required to make and render a true, full, and complete accounting of income, licensee fees, and revenues of every kind and description, whether collected by or accrued and still due to the defendant from or on account of said patents, copyrights, trade-marks, or other rights hereinbefore fully described in any manner and from whatever source

derived, up to and including the date of the restoration thereof to the Alien Property Custodian under decree of this court as hereinbefore prayed; and subject only to such credits on account of any amounts which may have been paid by the defendant to the Alien Property Custodian as consideration for the alleged and pretended sales, transfers, and assignments of said patents and other property, or other rights, as may be permitted by law and agreeable to the principles of equity; and to pay over any balances so ascertained of said income and revenue, with lawful interest thereon, and to assign any claims to any uncollected portions thereof unto the Alien Property Custodian, to be by him held, administered, and disposed of under and subject to the terms and provisions of said "Trading with the Enemy Act" and amendments thereto, and valid orders and proclamations relating thereto, or as Congress may hereafter by law direct.

5. That this court will in granting the relief herein and hereby prayed, so shape its decrees and impose such equitable conditions therein and thereby that the licenses and interests of all licensees of said patents and other rights hereinbefore described under licenses or other rights issued or granted by defendant, The Chemical Foundation, Incorporated, or by the Federal Trade Commission may be protected and safeguarded to the full extent authorized by law and agreeable to the principles of equity.

6. That defendant, The Chemical Foundation, Incorporated, be enjoined and restrained from further

prosecuting any action at law or suit in equity heretofore brought, and from instituting or prosecuting any action at law or suit in equity or other proceeding as alleged or pretended owner of the patents or other rights hereinbefore described, against any licensee under license granted by the Federal Trade Commission, or against the Treasurer of the United States, under subsection *f* of section 10 of said "Trading with the Enemy Act," as amended, or otherwise, to recover any amounts paid or accrued under any license or licenses heretofore issued by said Federal Trade Commission under or on account of any patent, copyright, trade-mark, or other right claimed by said defendant, under or by virtue of any alleged sale, transfer, or assignment from the Alien Property Custodian to said defendant, until the final decree of this court in this cause.

7. That defendant, The Chemical Foundation, Incorporated, be enjoined and restrained from selling or in any manner disposing of and from encumbering in any manner whatsoever any of the patents, copyrights, trade-marks, labels, and other similar rights or applications therefor or contracts with respect thereto, claimed to have been acquired from the Alien Property Custodian by defendant as hereinbefore set forth, save and except only by licenses for the use and employment thereof by citizens of the United States or corporations organized within the United States, the same to be in such form and upon and subject to such terms and conditions as this court may direct, and subject in each instance to its

approval; and that said defendant be enjoined and restrained from expending, using, or in any manner disposing of any income or revenue of any kind or character whatsoever which may be received by, collected, or paid to said defendant on any license or other right heretofore or hereafter issued under or with respect to said patents, copyrights, trade-marks, labels, and other similar rights or applications therefor or contracts with respect thereto, or on account of said patents or other rights from any source whatever; and that it the said defendant be required to pay over into the registry of this court from time to time as received any amounts so hereafter collected or received by it on any of the accounts aforesaid, or paid to it under or on account of any such license or right to use such patents or other rights or on account of said patents or other rights; the same to be there held to await the final decree of the court in this cause, and to be disposed of as the court may then direct.

8. That complainant may have and be granted such other, further, and general relief as the nature of its case may require and to equity may seem meet.

And complainant will ever pray, etc.

UNITED STATES OF AMERICA,

By

(Sgd.) H. M. DAUGHERTY,
Attorney General of the United States.

(Sgd.) JAMES H. HUGHES, JR.,
United States Attorney for the District of Delaware.

Solicitors for complainant:
HENRY W. ANDERSON,
Special Assistant to the Attorney General,
Richmond, Va.

HERMAN J. GALLOWAY,
Special Assistant to the Attorney General,
Washington, D. C.

Of Counsel:
WILLIAM W. WILSON,
General Counsel, Alien Property Custodian,
Washington, D. C.

STATE OF DELAWARE,
New Castle County, ss:

Thomas W. Miller, being duly sworn, upon oath says that he is now the duly appointed, qualified, and acting Alien Property Custodian under the terms and provisions of the aforesaid "Trading with the Enemy Act" and amendments thereto; that he has read the foregoing bill of complaint, and that the matters and things therein stated of which the defendant has knowledge are true and that the matters and things therein stated upon information and belief he believes to be true.

(Sgd.) THOMAS W. MILLER.

Subscribed and sworn to before me, a notary public, in the city of Wilmington, in the State of Delaware, this 8th day of September, 1922.

(Sgd.) H. C. MAHAFFY, JR.,
Notary Public for the State of Delaware.
(Notarial Seal)

My commission expires August 11, 1923.

EXHIBIT A.

(Offered and admitted in evidence as Plaintiff's Exhibit No. 192.)

[First deficiency appropriation bill, 1919. Hearing before the subcommittee of the Committee on Appropriations, United States Senate, Sixty-fifth Congress, second session, on H. R. 13086, a bill making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1919, and prior fiscal years, on account of war expenses, and for other purposes.]

STATEMENT OF LEE C. BRADLEY, ESQ., GENERAL COUNSEL, ALIEN PROPERTY CUSTODIAN.

SALE OF ENEMY PROPERTY.

The CHAIRMAN. We shall be glad to hear from you, Mr. Bradley.

Mr. BRADLEY. Are the members of the committee provided with drafts of the amendments?

The CHAIRMAN. No.

Senator UNDERWOOD. I introduced the amendment this morning. It has not been printed yet.

Mr. BRADLEY. Perhaps it would be better for it to be before you. I have only two extra copies, I am sorry to say.

Senator UNDERWOOD. I have one in my pocket. I will say that I introduced the amendment this morning and it was referred to the committee, but it will not come down until tomorrow. It will have to go to the Printing Office.

Mr. BRADLEY. I think for your convenience, then, I had better provide you gentlemen with copies to be inserted in the act, so that the references I make in explanation will be better understood.

This amendment is designed to make effective the power of sale of enemy property. The original act conferred upon the Alien Property Custodian the

power of sale to prevent waste, and of course was therefore very limited. It will be found in section 12 of the act, on page 15, of the printed copy I have handed you.

In the urgent deficiency bill approved March 28—the last page of the printed copy contain it—Congress conferred the unrestricted power of sale on the Alien Property Custodian, striking out all limitations about cases only of waste and the like. Following that amendment, the Alien Property Custodian, with the approval of the President, formulated the policy of selling the enemy interest in all enemy-going businesses in this country. That was done because they were found invariably to be nests of espionage and outposts of their propaganda and sabotage and general deviltry, and of course they constitute a very powerful strangle hold on the industry and commerce of the country. But experience has demonstrated that the power of sale thus conferred, although unlimited in its terms, is ineffective, for two reasons in particular:

First, the prevailing legal opinion is that patents are not included within the enemy property which is subject to seizure and sale by the Alien Property Custodian. That opinion prevails because of the specific treatment given to patents, copyrights, trade-marks, and other similar species of property by section 10 of the act. The only power in reference to these species of property is the power conferred upon the President to license their use within certain limits that are defined, and those licenses may either be for a fixed term or for the life of the patent, as the Federal Trade Commission—to which the President has delegated the powers of section 10—may decide. But any license so granted is subject to judicial re-

view after the end of the war as to the license fees paid thereunder; and it goes even to the extent of authorizing the court, if it thinks proper so to do, to cancel the license in its entirety.

We find in these concerns that the patented process is important, and indeed indispensable in the great majority of cases. We find, furthermore, even in the case of an American corporation where the enemy owns the stock, that the patent itself is rarely owned by the corporation, but that the corporation exercises a mere license, the title to the patent itself standing in the name of the enemy, some individual stockholder and probably a predominating stockholder, and the corporation exercising the patented process under a license which in many instances is revocable at will. That seems to be a favorite German method.

I should like to read here a statement prepared by our patent counsel, Mr. Ramsay Hoguet, of New York, in which he instances a few cases that are typical of the general situation. He says:

"The following are only a few of the many instances in which the proposed legislation appears to be necessary to enable the Alien Property Custodian to make a conveyance of property which will be of practical value to the purchaser. We estimate that in fully 80 per cent of the cases in which it is proposed to sell a business, patents or trade-marks, or both, are involved; in every case we have examined so far the titles to the patents and trade-marks are, in most cases, in the enemy and were not held by the persons or concerns who had title to the physical assets of the business. I believe that in fully 90 per cent of the cases the patents or trade-marks are encumbered in some way in favor of an alien enemy,

which will prevent their transference free and clear to a purchaser."

The Atlantic Communication Co. is an American corporation, the stock of which is owned by Germans, and the corporation is the owner of the wireless plant at Sayville, Long Island. He says:

"ATLANTIC COMMUNICATION CO.

"In the case of the Atlantic Communication Co. it is proposed to transfer to the Navy Department the wireless plant located at Sayville, Long Island, and all of the patent rights under which this station is operated. The American corporation which operates the station holds merely a license to operate under letters patent owned by a German company, and a sale of the license to the Navy Department would, of course, place the department under the obligation of paying royalties, accounting, etc., to the German company. While these royalties, in the case of mere operation of the plant, are not excessive, a sale of any apparatus under the patents carries a 20 per cent royalty under the license. Inasmuch as the Navy Department is now equipping all of the ships being built by the Emergency Fleet Corporation with wireless apparatus, it will be impossible to sell the wireless apparatus located on these ships to the ultimate purchasers of the ships without paying a license fee to the German patent owners and without accounting for each installation placed in use upon a United States ship. There are also a considerable number of patents the titles to which are in the names of individual German owners, which the Navy Department desires to acquire in order to be free to operate its large number of stations (both ship and shore) without interference by way of patent litiga-

tion. As the act stands at present the Navy Department can not operate under these patents except by securing a license from the German owners and subjecting itself to patent suits after the war and to the payment of a royalty in accordance with the provisions of section 10 and accounting for every installation made and subjecting itself to terms which the Navy Department could not comply with, such as inspection, etc.

"C. P. GOERZ AMERICAN OPTICAL CO.

"This company is one of the German-owned American concerns the stock of which the custodian has taken over and is about to offer for sale to an American purchaser. The business of the concern is manufacturing and selling lenses and photographic apparatus. It is one of the three or four largest concerns in the United States. More than 50 per cent of the devices and apparatus manufactured and sold by this concern are covered by United States letters patent, which are not owned by the concern itself, but under which the concern has a right to manufacture under license. The right which this American concern has under these German-owned patents is simply the right to continue to manufacture and sell the devices as long as the German concern allows it to do so."

It is revocable at will.

"The instrument which creates this right is the instrument upon which the American Optical Co. was organized and provides specifically that every patent right held by it is revocable at the will and pleasure of the German owners.

"The question arises, therefore, as to possibility of getting an American purchaser who really understands the situation who would be willing to take

over a concern whose entire business substantially can not be lawfully conducted unless it has the patents to which the business is wholly subject.

"The alternative, of course, is to have a license from the Federal Trade Commission. There are about 80 some patents under which this concern is working, and therefore a corresponding number of licenses would be required. Each such license would subject the licensee to a suit after the war by the German owners, a patent suit for the purpose of determining the value of each such license—that is, the value of the use of the corresponding patent. In our opinion such a situation is intolerable and no purchaser would knowingly submit to it. Besides this it is obviously impossible for any American purchaser to have his patent attorney examine some 80 patents and determine what the outcome of such a litigation might be with sufficient definiteness for him to do any figuring beforehand.

"G. SIEGLE CO.

"In the case of this corporation the agreement between the American and German companies was such that it raised a distinct doubt as to whether the good will and trade-marks of the German company were conveyed to the American so that it was impossible to assure the purchaser that he would be permitted to carry on the business under the name it theretofore had been carried on under and to use the trade-marks in the business which they had adopted and had acquired great value.

"It should be borne in mind in all cases that the time allowed for investigation is so short that a purchaser must to some extent rely upon the representations made to him by the governmental officers

having the sales in charge, and that the average purchaser believes that he can secure no better title than that conveyed to him by the Government of the United States. It is at present impossible to guarantee to the prospective purchaser that he will be permitted to conduct the business he purchases because of patent infringement, and thus the purchaser may be very seriously misled and may believe that he is buying a going business when in fact he is purchasing merely the buildings and machinery (very often of no use whatever except for the practice of certain patented processes and for the manufacture of certain patented articles) without any opportunity of using the physical assets of the concern for the purpose for which they were intended without laying himself open to a charge of infringement."

There are other features of this statement that I will read presently.

This general subject has been considered at some length by the Department of Justice—the legal features of it, of course—and also quite extensively with the general counsel of the Federal Trade Commission, Mr. Walsh; and Mr. Walsh has stated very broadly that he feels—and I assume he voices the views of the commission—that this act should be amended so as to confer the power upon the Alien Property Custodian, or upon the President, to seize patents, copyrights, trade-marks, and other similar pieces of property, and deal with them as provided by the terms of the act in respect of all other enemy property.

I suppose there may be in the mind of the committee the general question of international policy, as that was prominent when the trading with the enemy act was originally considered and enacted. Mr. Hoguet adds, in his comments:

"It has been suggested than an amendment of the act along the lines planned would provoke retaliatory measures in Germany. I am of the opinion that such retaliatory measures, if taken, are unimportant, for the following reasons:

"It is very difficult to secure patents in Germany, and probably 10 to 20 patents are issued in the United States to 1 issued in Germany, consequently the valuation of patents probably is much greater in the United States than in Germany.

"German patents require the payment of certain nominal taxes, which increase on a sliding scale. At the beginning of the war such taxes were paid under license by the President."

Let me add there that by subsections (a) and (b) of section 10 it is provided that a citizen of the United States may, with the license of the President, pay any tax, annuity, or fee which may be required by the law of any enemy or ally of enemy nation; and, as Mr. Hoguet says, in the beginning the President issued such a general blanket license, which was exercised.

"The presidential license having been revoked, no taxes upon German patents have been paid since, I think, in July. The German law provides for an extension of six weeks' time in which to pay the taxes and an additional six weeks' grace upon the payment of a fine. After that the patent is invalidated. American patent owners in Germany are, therefore, prevented by the revocation of the presidential license from keeping their payments in force, and a large number have already been invalidated from failure to pay taxes.

"My experience in practice leads me to the opinion that the average life of an American-owned patent in Germany is from three to five years. By that time

the payment of taxes has become so burdensome to the patentee and the commercial conditions have usually so changed as to discourage payment of taxes upon patents.

"I understand that the German Government has already taken steps for the sale of licenses at a nominal fee of American patents. We have been informed that 59 of the Underwood Typewriter Co.'s licenses to manufacture at a nominal royalty, and that the trademarks of the Vacuum Oil Co. have either been sold or will be sold in the near future to a German oil company."

To the last statement I may add that we have advices from our legation in Switzerland that these Underwood Typewriter patents were disposed of under a license at a nominal figure some time ago. I believe this was dated in June. As to the exact details, we are not advised.

The net result of the patent situation is that we can really sell only the plant, and therefore only the instrument for infringing the patent monopoly that must still reside in the German owner during the life of the patent. This situation, as I said, affects a very large majority of these concerns, and that is peculiarly true in the chemical industry, which, I believe, in the mind of the general public, is perhaps the most important of all to be cleaned up if it can be done.

The other changes in the first paragraph of 7-C, as amended, are, comparatively speaking, of minor importance. In addition to patents, we do add the express inclusion of choses in action, and rights and claims of every character and description. That expression is put there by way of excess caution, perhaps, to avoid the possible construction of any

limitation on the meaning of the word "property," and also with the further specific thought in mind that it will enable us to reach this situation:

Just prior to the war, and particularly after the break in diplomatic relations, there were very many transactions by which property then owned by Germans was pretended to be sold to American citizens. The larger part of it was perhaps first incorporated, and then the stock was pretended to be sold; but in very many of those cases we have also been able to locate strings in the way of options reserved, and the right to repurchase, say in 1920; and where they did sell outright without our being able to secure any evidence of retaking the property, they were cautious to make the purchase price payable about 1920, and in some cases boldly after the end of the war. We also add, in the latter part of this first paragraph, a provision authorizing the Alien Property Custodian to seize—of course, that is mere mechanical machinery—property where he is not able, for any reason, to serve a demand.

The next paragraph of the amendment authorizes, in general terms, the recording of any requirement made pursuant to the act, or a duly certified copy thereof, and gives it the same effect when spread upon the record in any recording office as a conveyance, assignment, or transfer. This has particular reference to patents, and they are especially mentioned because under the patent statute a transfer of title is not complete until the transfer has been recorded.

The next amendment presents the second difficulty that we meet in exercising this power of sale. It relates to the cancellation of shares of stock in corporations which have been determined by the Presi-

dent—the Alien Property Custodian exercising his power—to be enemy-owned, and the issuance of new certificates in favor of the Alien Property Custodian. The present provision of the act in that regard is limited merely to those cases where the Alien Property Custodian has possession of, and is therefore in position to surrender, the original certificates; but naturally in the great majority of cases where corporate stock is owned by a German, the certificate is in his hands, and we can not comply with that provision.

Senator UNDERWOOD. That is, in the German's hands.

Mr. BRADLEY. Exactly; in the German's hands. Now, you will readily see that when we come to sell corporate stock where we have no evidence whatsoever of our title, notwithstanding that the certificate is mere evidence of the thing and not the thing itself, yet it is affected with certain elements of quasi negotiability; and no prudent purchaser will buy unless we have something that we can really offer to sell to him and make a delivery. This provision is express that whenever any enemy property consists of shares of stock or other beneficial interest in any corporation, association, company, or trust, it shall be the duty of the corporation, association, company, trustee or trustees issuing the shares, or any certificates or other instruments representing the same, to cancel upon its, his, or their books all shares, beneficial interest, and the like, standing upon its, his, or their books in the name of any person or persons, or held for, on account of, or on behalf of, or for the benefit of any person or persons who shall have been determined by the President, after investigation, to be an enemy or ally of enemy, and which shall have been required to be conveyed, transferred, assigned, or de-

livered to the Alien Property Custodian or seized by him, and in lieu thereof to issue certificates or other instruments for such shares or other beneficial interest to the Alien Property Custodian or otherwise, as the Alien Property Custodian shall require, in volume and in value.

Of course, this amendment reaches even a larger amount of property than the patent itself. The two run together in very many instances, because we find, as I explained in the outset, that the American corporation—and then, of course, the American corporation in instances where its stock certificates are held by the Germans abroad—does not own the patent but is merely exercising a license to employ the patented process.

If there is any apprehension of doing an injustice by mistake, let me add that section 9 of the act provides a very complete remedy to any person who is not an enemy or ally of enemy to reclaim his property. It contains a provision for an Executive order granting him relief, and, failing in that provision, for the institution of suit in the district where he resides for the recovery of the property, and then the express provision that the property shall be retained in the custody of the Alien Property Custodian or Treasurer of the United States, as the case may be, pending such suit; so that there is no power to dispose of property where a mistake is claimed to have been made until the person who claims to have been wronged has his day in court.

The CHAIRMAN. Then he could not sell it.

Mr. BRADLEY. I say, he could not sell it in the case of a claim.

Senator UNDERWOOD. Where there is a claim set up.

The CHAIRMAN. But supposing no claim is set up; can he go on and sell it?

Mr. BRADLEY. Oh, yes; the Alien Property Custodian then goes ahead and sells.

The CHAIRMAN. Unless there is an actual claim his power of sale is not interfered with?

Mr. BRADLEY. No; unless the claim is actually made.

Finally, we have this provision:

"The sole relief and remedy of any person having any claim to any money or other property heretofore or hereafter conveyed, transferred, assigned, delivered, or paid over to the Alien Property Custodian, or required so to be, or seized by him shall be that provided by the terms of this act, and in the event of sale or other disposition of such property by the Alien Property Custodian, shall be limited to and enforced against the net proceeds received therefrom and held by the Alien Property Custodian or by the Treasurer of the United States."

In section 9, to which I have just referred, there is this provision:

"Except as herein provided, the money or other property conveyed, transferred, assigned, delivered, or paid to the Alien Property Custodian shall not be liable to lien, attachment, garnishment, trustee process, or execution, or subject to any order or decree of any court."

But that provision is scarcely broad enough to cover our purposes and our necessities. We therefore ask for an express provision making the provisions of this act the sole relief and remedy that any person may have. They are ample, and we submit that they ought to be exclusive. I may add to that that in limiting these claims in cases of sale to the proceeds of sale we follow the precedents of the Civil War acts, which were found effective at that time, and the validity of which was uniformly upheld.

Senator UNDERWOOD. Mr. Bradley, let me ask you this question: The purpose of this amendment covers two general subject matters, and only two. One is handling the patent situation so that you can convey the title to the purchaser?

Mr. BRADLEY. Exactly.

Senator UNDERWOOD. The other is largely a question of transfer of stock certificates?

Mr. BRADLEY. That is correct.

Senator UNDERWOOD. And although Congress gave you, or attempted to give you, full power to dispose of enemy-owned property, when you come to investigate and handle the situation you find that the power does not reach far enough to control the patent situation or the transfer of stock certificates that are not in the actual possession of the Alien Property Custodian?

Mr. BRADLEY. That is correct.

Senator UNDERWOOD. And all you want to do by this amendment is simply to carry out the terms of the original act, and give you the power that is necessary to handle these two particular features that are not covered by the general proposition?

Mr. BRADLEY. That is a very comprehensive statement of the whole purpose and scope of the amendments.

The CHAIRMAN. The only question in my mind is this: No doubt you have covered it as far as possible, but I may not have taken it in correctly. I did not fully appreciate the efficacy of the remedy so far as patents in some instances might be concerned. So far as this country is concerned, it might be covered; but in the case of a patent like wireless business, that has connection with some other country, the question in my mind was whether the purchaser could enforce

his rights under purchase by the United States Government in a patent that reaches beyond this country?

Mr. BRADLEY. Of course the patent is confined to this country in its operation, and its situs for all purposes of execution, for illustration, attachment, and the like, is uniformly held to be in this country; so I think there is no legal difficulty there. We have investigated that question, and our patent counsel is very definitely of the opinion of those who have investigated it that this will make effective every purpose that we have.

Senator UNDERWOOD. The other proposition is, you find that where you are selling a plant which is manufacturing a patented article, you can not get the real value of that plant unless you can convey a good title for the use of the patent to the purchaser of the plant?

Mr. BRADLEY. Exactly so.

Senator UNDERWOOD. And therefore it delays and narrows your field of operation in disposing of this property?

Mr. BRADLEY. It is scarcely too broad a statement, Senator, that we have sold already most of the property we can sell until we get further legislation. Our hands are pretty well tied.

Senator UNDERWOOD. And you feel that this is absolutely necessary to wind up your business?

Mr. BRADLEY. It is, indeed.

Senator UNDERWOOD. Is there any other testimony that you want to give?

Mr. BRADLEY. No, I think not. I am very much obliged to you for your courtesy.

EXHIBIT B.

(Offered and admitted in evidence as Plaintiff's Exhibit No. 54.)

CERTIFICATE OF INCORPORATION OF THE CHEMICAL FOUNDATION, INCORPORATED.

1. The name of the corporation is "The Chemical Foundation, Incorporated."

2. The principal office of the corporation is to be located at the offices of the Corporation Trust Company of America, No. 1007 Market Street, in the city of Wilmington, in the county of New Castle, in the State of Delaware. The name of its resident agent is Corporation Trust Company of America, whose address is No. 1007 Market Street, Wilmington, Delaware.

3. The nature of the business of the corporation and the objects and purposes proposed to be transacted, promoted, or carried on by it are as follows, to wit:

(a) To acquire by purchase from the Alien Property Custodian, under the provisions of an act of the Congress of the United States known as the "Trading with the Enemy Act" (act October 6, 1917, as amended by act of March 28, 1918, and further amended by act of November 4, 1918) patents, and applications therefor, trade-marks, choses in action, and rights and claims of every character and description, owing or belonging to or held for, by, on account of, or on behalf of, or for the benefit of, an enemy or ally of enemy, as defined by said act, which the Alien Property Custodian is authorized by said act, and amendments thereto, to require and seize, and to sell and convey, and also to acquire from any person, firm, or corporation any and all letters patent, and applications therefor, trade-marks, and similar rights granted

by the United States, or any other country or government licenses and the like, or any other interest therein, or any inventions which may seem capable of being used for or in connection with any of the objects or purposes of said corporation, and to hold any such property and rights so acquired in a fiduciary capacity for the Americanization of such industries as may be affected thereby, for the exclusion or elimination of alien interests hostile or detrimental to the said industries, and for the advancement of chemical and allied science and industry in the United States.

(b) In furtherance of the above objects and purposes the corporation may grant non-exclusive licenses only, to make, use, and sell the inventions covered by any patents owned or controlled by it to the United States of America, upon such terms as the board of directors may determine, and also upon reasonable and equal terms and without advantage, as between licensees, to the following: (1) Natural persons, citizens of the United States; (2) copartnerships, all the members of which are citizens of the United States; and (3) corporations organized under the laws of the United States or of any State, Territory, or dependency of the United States, of which not less than three-fourths of the capital stock and the beneficial interest therein is owned by stockholders who are citizens of the United States and who were not, prior to the "end of the war," as used in the "Trading with the Enemy Act," enemies or allies of enemies, as defined by said act, and the amendments thereto.

The board of directors may refuse to issue any license or may revoke any license granted by the corporation and may prescribe the terms and conditions of said licenses. It shall be the duty of the corporation to defend and enforce the rights acquired by it and

to protect the rights of its licensees under any licenses granted by it.

(c) To purchase, or otherwise acquire, such personal property of every kind and description within and without the State of Delaware, and in any part of the world, suitable, necessary, useful, or advisable in connection with any or all of the objects hereinbefore set forth.

(d) To do each and every thing necessary, suitable, useful, or advisable for the accomplishment of any one or more of said objects, or which shall at any time appear to be conducive to or expedient for the benefit of such corporation in connection therewith.

(e) In general, but in connection with the foregoing, said corporation shall have and exercise all the powers conferred by the laws of the State of Delaware upon business corporations, it being hereby expressly provided that the foregoing enumeration of specific powers shall not be held to limit or restrict in any manner such general powers.

(f) To do each and all things above set forth to the same extent and as fully as a natural person might do or could do in the State of Delaware or in any other State, country, or place.

4. The total authorized capital stock of the corporation is five hundred thousand dollars ($500,000), divided into five thousand (5,000) shares of the par value of one hundred dollars ($100) each.

Of said authorized capital stock four thousand (4,000) shares, amounting to four hundred thousand dollars ($400,000), shall be nonvoting preferred stock (except for amendment of the charter, as hereinafter provided), and one thousand (1,000) shares, amount-

ing to one hundred thousand dollars ($100,000), shall be common stock.

The preferred stock shall entitle the holders thereof to receive, when and as declared, out of the surplus or net earnings of the corporation, a fixed cumulative dividend at the rate of, but never exceeding, six per cent (6%) per annum, payable quarterly on such dates as the directors may determine, which dividend shall run from the date of the issue of said preferred stock, and shall be paid or set apart before any dividend shall be set apart or paid on the common stock.

The common stock shall entitle the holders thereof to receive, when and as declared, out of the surplus or net earnings of the corporation, a dividend at the rate of, but never exceeding, six per cent (6%) per annum, but no such dividends shall be payable on the common stock until all cumulative dividends on the preferred stock at the above rate, up to the date of the declaration of such common stock dividends, shall have been paid or set apart.

In the event of any liquidation or dissolution or winding up of the corporation, whether voluntary or involuntary, the preferred stock shall entitle the holders thereof to be paid in full the par amount of their shares, with all unpaid accumulated dividends thereon to the date of such payment, before any amount shall be paid to the holders of the common stock.

The preferred stock shall be subject to redemption as a whole at one hundred dollars ($100) per share, and accumulated dividends thereon, on the first day of January, 1921, or on the first day of January in any year thereafter, in such manner as the board of directors shall determine; provided that whenever the accumulated surplus of the corporation amounts to one hundred per cent (100%) of the total issued

and outstanding preferred and common stock of the corporation, the board of directors shall redeem all the issued and outstanding preferred stock. After the full redemption of the preferred stock, the net earnings of the corporation, over and above such amounts as may be necessary for the purpose of working capital, shall be used and devoted to the development and advancement of chemistry and allied sciences in the useful arts and manufactures in the United States, in such manner as the board of directors may determine.

The holders of the common stock shall have the sole right to vote at all meetings of the stockholders, and the holders of the preferred stock shall have no voting power, except for the purpose of the amendment of the charter. None of the owners or holders of the preferred or common stock of this corporation shall sell, assign, or transfer any such stock except with the approval of the board of directors.

From time to time the common and preferred stock may be increased according to law.

The amount of the capital stock with which the corporation will commence business is fifteen hundred dollars ($1,500).

5. The names and places of residence of each of the original subscribers to the capital stock and the number of shares subscribed for by each are as follows:

Name	Residence	Number of shares of common stock.
M. M. Clancy	Wilmington, Delaware . . .	13
P. B. Drew	Wilmington, Delaware . . .	1
H. E. Knox	Wilmington, Delaware . . .	1

6. The corporation is to have perpetual existence.

7. The private property of the stockholders shall not be subject to the payment of corporate debts to any extent whatever.

8. The number of directors of the corporation shall be fixed from time to time by the by-laws, and the number may be increased or decreased as therein provided.

In case of any increase in the number of directors, the additional directors shall be elected as provided by the by-laws, or by the stockholders, at an annual or special meeting.

In case of any vacancy in the board of directors for any cause, the stockholders may elect a successor to hold office for the unexpired term of the director whose place is vacant and until the election of his successor.

The board of directors shall, from time to time, fix and determine the uniform license fee or royalty that shall be paid by the persons, firms, or corporations mentioned in paragraph *(b)* of article 3 of this certificate, and the license fee or royalty so fixed shall be binding and conclusive on the corporation and upon all of its licensees.

In furtherance, but not in limitation of the powers conferred by law, the board of directors are expressly authorized—

(a) To hold their meetings outside of the State of Delaware at such places as from time to time may be designated by the by-laws or by resolution of the board. The by-laws may prescribe the number of directors necessary to constitute a quorum of the board of directors, which number may be less than a majority of the whole board of directors.

of the Corporation Trust Company of America, No. 1007 Market Street, in the city of Wilmington, county of New Castle. The name of the agent in charge thereof, upon whom process against this corporation may be served, is "Corporation Trust Company of America."

SEC. 2. In addition to its principal office in the State of Delaware, the corporation may maintain offices at any other place, or places, designated by the board of directors.

Corporate seal.

SEC. 3. This corporation shall have a seal, upon which shall be inscribed its name, the year of its creation, and the word "Delaware."

ARTICLE II.

Stockholders—Annual meeting.

SECTION 1. The annual meeting of stockholders shall be held on the first day of February in each year, beginning with the year, 1920, if not a legal holiday, and if a legal holiday then on the day following, at the principal office of the corporation, No. 1007 Market Street, Wilmington, Delaware, or at such place outside of the State of Delaware as the directors may from time to time designate, when there shall be elected by ballot, by the majority vote of the stock outstanding having full voting power, a board of three directors, and such other business may be transacted thereat as may come before the meeting.

SEC. 2. A majority in amount of the stock outstanding having full voting power shall be requisite to constitute a quorum for an election of directors, or the transaction of any other business, except to ad-

journ, and each stockholder shall at every meeting of the stockholders be entitled to one vote in person or by proxy for each share of stock having full voting power registered in his name on the books of the corporation, provided that no share of stock shall be voted on at any election which has been transferred on the books of the corporation within twenty days next preceding such election.

Special meetings.

SEC. 3. Except as otherwise provided by law, special meetings may be called for any purpose at any time by the president, or by the secretary upon the written request of at least two directors, or by the holder or holders of seventy-five per cent of the capital stock then issued and outstanding and having full voting power, or upon resolution of the board of directors, which request or resolution shall state the purpose or purposes thereof.

Notice of meetings.

SEC. 4. The secretary shall cause notice of each meeting of the stockholders to be published once in the calendar week next preceding the meeting in at least one newspaper published in Wilmington, Delaware; or written notice setting forth the time and place of the meeting, and the general nature of the business to be considered thereat, shall be given by the president or secretary to the owner or holder of record of each share of stock having full voting power at least ten days before the meeting in the case of an annual meeting, and five days before the meeting in the case of a special meeting. When notice of an annual meeting is given by publication, no irregularity in such notice or in the publication thereof shall affect

the validity of such meeting or of any proceedings thereat.

No notice of a special meeting shall be required if the owners or holders of record of all the stock having full voting power shall waive such notice or shall meet thereat either in person or by proxy, and at such a meeting any corporate action may be taken.

ARTICLE III.

Directors.

SECTION 1. The board of directors shall consist of three members.

SEC. 2. The number of directors may be increased at any time by the affirmative vote of the majority of the stockholders at any annual or special meeting.

Regular meetings.

SEC. 3. The annual meeting of the board of directors shall be held on the first day of February in each year at No. 1007 Market Street, Wilmington, Delaware, or at such place as shall be determined by resolution of the board. Stated meetings of the board may be held at such times and places as shall be determined from time to time by resolution of the board. Both annual and stated meetings may be held without notice thereof.

Special meetings.

SEC. 4. Special meetings of the board may be called by the president on five days' written notice to each director, and shall be called upon like notice by the secretary on the written request of at least two directors. Such notice may be waived by any director. Unless otherwise indicated in the notice thereof, any and all business may be transacted at a special meeting.

At any meeting at which every director shall be present, even though without any notice, any business may be transacted.

Powers.

SEC. 5. The board of directors shall have the management of the business and affairs of the corporation, and, subject to the restrictions imposed by law, the certificate of incorporation, and the by-laws, may exercise all the powers of the corporation.

ARTICLE IV.

Officers.

SECTION 1. The executive officers of the corporation shall consist of a president, a vice president or more than one vice president, a secretary, and a treasurer, and the president and vice president shall be chosen from among the directors.

The board of directors may appoint such other officers as it shall deem necessary, who shall have such authority and shall perform such duties as from time to time may be prescribed by the board of directors.

The powers and duties of the treasurer and secretary may be exercised and performed by the same person.

The board of directors may leave unfilled for any such period as it may fix by resolution any office except those of president, treasurer and secretary.

President.

SEC. 2. The president shall preside at all meetings of the board of directors, and shall be ex officio chairman of all meetings of the stockholders. Subject to the approval, direction or authorization of the board of directors, he shall have general charge

and care of the business and property of the corporation; appoint and discharge employees and agents of the corporation, and determine their compensation; execute all authorized bonds, contracts, and agreements; sign all certificates of stock; and do and perform all acts incident to the office of president or which are authorized or required by law. In the absence or disability of the president, the board of directors may designate a vice president to perform the duties of president. The president shall receive no salary.

Vice president.

SEC. 3. Vice presidents shall have such powers and shall perform such duties as may be assigned to them respectively by the board of directors. The vice president shall receive no salary.

Secretary.

SEC. 4. The secretary shall be ex officio secretary of the board of directors and of all standing committees; shall give, or cause to be given, all required notices of meetings of stockholders and directors; shall record all proceedings of the meetings of the stockholders and directors in a book to be kept for that purpose, and shall perform like duties for the standing committees; and shall perform such other duties as may be assigned to him by the board or the president; he shall have custody of the seal of the corporation, and shall affix the same to any instrument when duly authorized so to do, and attest the same. By virtue of his office, the secretary shall be an assistant treasurer, and shall have such powers and shall perform such duties as may be assigned to him by the board of directors.

He shall be sworn to the faithful discharge of his duties.

Treasurer.

SEC. 5. The treasurer shall have the custody of all moneys and valuable papers and documents of the corporation; shall place the same for safe-keeping in such depositories as may be designated by the board of directors; shall expend the funds of the corporation as directed by the board of directors, taking proper vouchers for such expenditures, shall keep or cause to be kept a book or books, setting forth a true record of the receipts, expenditures, assets, liabilities, losses, and gains of the corporation; and shall, when and as required by the president or the board of directors, render a statement of the financial condition of the corporation. He shall register and transfer stock of the corporation or cause same to be done under such regulations as may be prescribed by the board of directors. He shall countersign certificates of stock, bonds, and debentures of the corporation.

The treasurer shall give the corporation a bond for the faithful discharge of his duties in such amount and with such surety as and when prescribed by the board.

By virtue of his office the treasurer shall be an assistant secretary, and shall have such powers and shall perform such duties as may be assigned to him by the board of directors.

ARTICLE V.

Capital stock.

SECTION 1. The president shall issue, or cause to be issued, to each stockholder a certificate or certificates, signed by himself or the vice president, and countersigned by the treasurer, with the seal of the corporation affixed thereto, certifying the number of

shares of stock of the corporation owned by such stockholder.

SEC. 2. Shares of stock of the corporation shall be transferable only upon its books by the holder, or holders thereof, in person or by proxy, or by his or their duly authorized attorney or legal representative, who shall at such time surrender to the corporation the old certificate or certificates and receive new certificates in exchange therefor, but no stock shall be transferred within twenty days next preceding the date fixed for the payment of a dividend. Surrendered certificates shall be canceled at the time of such transfer. Each transfer shall be recorded, and the original record, or duplicate thereof, shall be kept at the principal office of the corporation in the State of Delaware. No transfer shall be made for collateral security unless so expressed in the entry of the transfer.

Regulations.

SEC. 3. The board of directors may make rules and regulations concerning the issue, transfer, and registration of certificates for shares of the capital stock of the corporation.

The board of directors may appoint a transfer agent and a registrar of transfers, and may require all stock certificates to bear the signature of such transfer agent and of such registrar of transfers.

Dividends.

SEC. 4. Dividends may be declared by the board of directors in its discretion from surplus or net profits of the corporation, and the transfer books of the corporation shall be closed for the period of twenty days next preceding the day appointed for the payment of any dividend.

Stock ledger.

SEC. 5. The original or duplicate stock ledger, containing the names and addresses of the stockholders in alphabetical order and the number of shares held by them, respectively, shall at all times during usual hours of business be open to the examination of every stockholder at the principal office of the corporation in this State, which original or duplicate stock ledger shall be the only evidence as to the stockholders entitled to vote in person or by proxy at any election.

ARTICLE VI.

General provisions—Notice.

SECTION 1. Unless otherwise expressly provided, any notice required by these by-laws to be given to any person or persons shall be in writing, and may be given by duly depositing the same in a post office or letter box in a post-paid sealed wrapper, addressed to such person or persons at his or their address as the same appears on the books of the corporation, and such notice shall be held to have been given on the day of such deposit.

Vacancies.

SEC. 2. In case of any vacancy in the board of directors for any cause, the remaining directors, by affirmative vote of a majority thereof, may elect a successor to hold office for the unexpired portion of the term of the director whose place shall be vacant, or until the election of his successor.

Adjournments.

SEC. 3. Whenever at any meeting provided for in these by-laws less than a quorum shall be present or

represented, such meeting may thereupon be adjourned from time to time by a majority vote of those present or represented, without notice, until a quorum shall be present or represented, provided, however, that no adjournment shall be for a period exceeding one month at any one time. Any meeting at which a quorum is present or represented may be adjourned in the same manner for such time as may be fixed by a majority vote at such meeting. At any adjourned meeting, whenever a quorum is present, any business may be transacted which could have been transacted at the meeting originally called, had a quorum been present.

SEC. 4. The term "full voting power" as applied to stock or stockholders in these by-laws shall be construed to mean the power to vote at all stockholders' meetings on any matter coming before the meeting.

ARTICLE VII.

Amendments.

SECTION 1. These by-laws may be amended or repealed from time to time by a vote of three-fourths in number and amount of the common stockholders at any annual or special meeting of the stockholders.

The following amendments to these by-laws were adopted:

Section I of Article II:

"Section I amended. The annual meeting of stockholders shall be held on the first Monday of February in each year at the office of the corporation in the city of New York, unless in any year the directors shall have designated a different place for the holding of such meeting, and notice of such change in place shall have been given to the stockholders as required by the laws of Delaware.

"At every annual meeting three directors shall be elected by ballot, by the majority of the outstanding stock having full voting power and present at such meeting in person or by proxy, to hold office until the next annual meeting, or until their successors shall have been duly elected and qualified, and such other business may be transacted as shall be presented."

Section III of Article III:

"Section III amended. The annual meeting of the board of directors shall be held on the first Monday of February in each year at the office of the corporation in the city of New York, unless in any year the directors shall by resolution designate a different place for the holding of such meeting.

"Stated meetings of the board may be held at such times and places as shall be determined from time to time by resolution of the board. Both annual and stated meetings may be held without notice thereof."

EXHIBIT C.

(Offered and admitted in evidence as Plaintiff's Exhibit No 55.)

Althouse Chemical Co.	$500.00
American Aniline Products	1,000.00
Atlantic Dyestuffs & Chemical Co.	500.00
Ault & Wiborg Co.	5,000.00
Barrett & Co.	10,000.00
Butterworth Judson Corporation	10,000.00
Campbell, John, Co. (Inc.)	5,000.00
Central Dyestuff & Chemical Co.	10,000.00
Commonwealth Chemical Corporation	500.00
Consolidated Color & Chemical Co.	10,000.00
Dicks, David, Co. (Inc.)	500.00
Dow Chemical Co.	500.00
du Pont, E. I., de Nemours & Co.	125,000.00
Dye Products & Chemical Co.	500.00
Essex Aniline Works	600.00
General Chemical Co.	50,000.00
General Electric Co.	1,000.00
Grasselli Chemical Co.	30,000.00
Heller & Nerz Co.	20,000.00
Hooker Electrochemical Co.	10,000.00

Marden, Orth & Hastings (Calco Chemical Co.)	$50,000.00
Merck & Company	10,000.00
Merrimac Chemical Co.	20,000.00
Metals Disintegrating Co. (Inc.)	500.00
Metz, H. A., Laboratory (Inc.)	10,000.00
Monroe Drug Co.	500.00
Monsanto Chemical Works	500.00
Morrill, Geo. H., Co.	500.00
National Aniline & Chemical Co.	37,500.00
Naugatuck Chemical Co.	500.00
The Newport Co.	20,000.00
Rector, Chemical Co., The	500.00
Roessler & Hasslacher Chemical Co.	1,000.00
Semet Solvay Co.	10,000.00
Sherwin-Williams Co.	5,000.00
Tartar Chemical Works	500.00
U. S. Color & Chemical Co.	3,000.00

EXHIBIT D.

(Offered and admitted in evidence as Plaintiff's Exhibit No. 60.)

	Number of shares preferred stock.	Number of shares common stock.	Par value both common and preferred issued.
Abbott Laboratories	8	2	$1,000.00
Althouse Chemical Co.	4	1	500.00
Aluminum Co. of America	8	2	1,000.00
American Aniline Products	8	2	1,000.00
American Cellulose & Chemical Co.	8	2	1,000.00
American Chemical Society	8	2	1,000.00
American Cotton Oil Co.	8	2	1,000.00
American Platinum Works	8	2	1,000.00
American Printing Co.	8	2	1,000.00
Aniline Dye & Chemical Co.	8	2	1,000.00
Arnold Print Works	8	2	1,000.00
Armour Fertilizer Works	8	2	1,000.00
Aspinook Co.	8	2	1,000.00
Atlantic Dyestuffs & Chemical Co.	4	1	500.00
Attreaux, F. E.	8	2	1,000.00
Ault & Wiborg Co.	31	8	3,900.00
Baker, H. J., & Bro.	8	2	1,000.00
Baker & Co. (Inc.)	8	2	1,000.00
Ball, George A.	8	2	1,000.00
Bancroft, Jos., & Sons	8	2	1,000.00
Barrett & Co.	8	2	1,000.00
Bayer & Co. (Inc.)	65	8	6,700.00
Bethlehem Steel Co.	8	2	1,000.00
Bischoff, C., & Co.	8	2	1,000.00
Berne Serymser Co.	8	2	1,000.00
Bower Chemical Manufacturing Co.	8	2	1,000.00
Bronx Co.	8	2	1,000.00
Brown Company	8	2	1,000.00
Butterworth Judson Corporation	8	2	1,000.00
Campbell, John, Co., (Inc.)	65	8	6,700.00
Capudini Chemical Co.	31	8	3,300.00
Central Dyestuff & Chemical Co.	4	1	500.00
Chapel, Anton: (Gaskill Chemical Co.)	72	8	7,400.00
Cheney Bros.	8	2	1,000.00
Clapp, B. F., Ammonia Co.	8	2	1,000.00
Citro Chemical Co.	4	1	500.00
Conzey, R. H., Co.	4	1	500.00
Commercial Research Co.	8	2	1,000.00
Commonwealth Chemical Corporation	8	2	1,000.00
	4	1	500.00

Exhibit D—Continued.

	Number of shares preferred stock.	Number of shares common stock.	Par value both common and preferred issued.
Consolidated Color & Chemical Co.	65	2	$6,700.00
Contact Process Co	8	2	1,000.00
Crocker Burbank Co.	8	2	1,000.00
Croxer, S. A., & Son	8	2	1,000.00
Davison Chemical Co.	8	2	1,000.00
Dehls, John, Co.	8	2	1,000.00
Dermatological Research Laboratories	8	2	1,000.00
Detroit Chemical Works	8	2	1,000.00
Diamond Alkali Co.	8	2	1,000.00
Dicks, David, Co. (Inc.)	4	1	500.00
Digestive Ferments Co.	4	1	500.00
Dorr, J. V. M.	8	2	1,000.00
Dow Chemical Co.	13	2	1,500.00
Du Pont, E. I. de Nemours & Co.	841	2	84,100.00
Duren Chemical Corporation (Inc.)	4	1	500.00
Durfee Winthrop Co.	8	2	1,000.00
Dye Products & Chemical Co.	4	1	500.00
Eastern Drug Co.	8	2	1,000.00
Electric Boat Co.	8	2	1,000.00
Electric Bleaching Gas Co.	8	2	1,000.00
Engelhard, Chas.	8	2	1,000.00
Essankay Products Co.	8	2	1,000.00
Esset Aniline Works	5	1	600.00
General Bakelite Co.	8	2	1,000.00
General Ceramics	8	2	1,000.00
General Chemical Co.	335	2	33,700.00
General Electric Co.	8	2	1,000.00
Genesee Pure Food	8	2	1,000.00
Gilmour, Geo. L.	8	2	1,000.00
Grasselli Chemical Co.	200	2	20,200.00
Hanovia Chemical & Manufacturing Co.	8	2	1,000.00
Hardwick & Magee Co.	8	2	1,000.00
Heller & Merz Co.	132	2	13,400.00
Hercules Powder Co.	8	2	1,000.00
Herf & Frerichs Chemical Co.	8	2	1,000.00
Hess Goldschmidt & Co. (Inc.)	8	2	1,000.00
Hayden Chemical Works	8	2	1,000.00
Hooker Electrochemical Co.	65	2	6,700.00
Irvington Smelting & Refining Works	8	2	1,000.00
Iseo Chemical Co.	8	2	1,000.00
Johnson & Johnson	8	2	1,000.00
Kelly Springfield Tire Co.	8	2	1,000.00
Klipstein, E. C., & Sons Co.	8	2	1,000.00
Kneip, W. E., & Sons	8	2	1,000.00
La Belle Iron Works	8	2	1,000.00
Lackawanna Steel Co.	8	2	1,000.00
Lehn & Fink (Inc.)	8	2	1,000.00
Lewiston Bleachery & Dye Works	8	2	1,000.00
Lilly, Eli Co.	8	2	1,000.00
Lindsay Light Co.	8	2	1,000.00
Lonsdale Co.	8	2	1,000.00
Lowell Bleachery	8	2	1,000.00
Lucas, John, & Co. (Inc.)	8	2	1,000.00
McKesson & Robbins	4	1	500.00
Mallinckrodt Chemical Works	8	2	1,000.00
Marden Orth & Hastings (Calco Chemical Co.)	335	2	33,700.00
Maxwell, F. T.	8	2	1,000.00
Merck & Co.	65	2	6,700.00
Merrill, Wm. S., Co.	4	1	500.00
Merrimac Chemical Co.	119	2	12,100.00
Metals Disintegrating Co. (Inc.)	4	1	500.00
Metz, H. A., Laboratory (Inc.)	65	2	6,700.00
Melville Manufacturing Co.	8	2	1,000.00
Monroe Drug Co.	4	1	500.00
Monsanto Chemical Works	8	2	1,000.00
Morrill, Geo. H., Co.	4	1	500.00
Mount Hope Finishing Co.	8	2	1,000.00
Mutual Chemical Co. of America	8	2	1,000.00
National Ammonia Co.	8	2	1,000.00
National Aniline & Chemical Co.	251	2	25,300.00
National Electrolytic Co.	8	2	1,000.00
National Silk Dyeing Co.	8	2	1,000.00

Exhibit D—Continued.

	Number of shares preferred stock.	Number of shares common stock.	Par value both common and preferred issued.
Naugatuck Chemical Co.	8	2	$1,000.00
New Bedford & Acawan Finishing Co.	4	1	500.00
The Newport Co.	132	2	13,400.00
Niagara Alkali Co.	8	2	1,000.00
Niagara Electrochemical Co.	4	1	500.00
Ohio Chemical & Manufacturing Co.	8	2	1,000.00
Pacific Mills	8	2	1,000.00
Parke, Davis & Co.	8	2	1,000.00
Patchett, Jos. E.	8	2	1,000.00
Peerless Colors Co. (Inc.)	8	2	1,000.00
Pennsylvania Salt Manufacturing Co.	8	2	1,000.00
Permutit Co.	8	2	1,000.00
Perth Amboy Chemical Works	4	1	500.00
Pfizer, Chas., & Co. (Inc.)	8	2	1,000.00
Philadelphia Textile Machine Co.	8	2	1,000.00
Philadelphia Tapestry Mills	8	2	1,000.00
Powers, Weightman & Rosengarten Co.	8	2	1,000.00
Rector Chemical Co., The	4	1	500.00
Republic Iron & Steel Co.	8	2	1,000.00
Rhodia Chemical Co.	8	2	1,000.00
Roessler & Hasslacher Chemical Co.	8	2	1,000.00
Sayles Finishing Plants	8	2	1,000.00
Schieffelin & Co.	4	1	500.00
Solvay Process Co.	8	2	1,000.00
Semet Solvay Co.	63	2	6,700.00
Sherwin-Williams Co.	31	2	3,300.00
Fred. Stearns & Co.	4	1	500.00
Stifel, J. L., & Sons	8	2	1,000.00
Squibb, E. R., & Sons	8	2	1,000.00
Tarter Chemical Works	4	1	500.00
Toch Bros.	4	1	500.00
Union Carbide & Carbon Co.	8	2	1,000.00
Union Bleaching & Finishing Co.	8	2	1,000.00
United Drug Co.	8	2	1,000.00
United Piece Dye Works	8	2	1,000.00
U. S. Color & Chemical Co.	18	2	2,000.00
U. S. Finishing Co.	8	2	1,000.00
U. S. Industrial Alcohol Co.	8	2	1,000.00
Upjohn Co., The	8	2	1,000.00
Viscoloid Co., The	8	2	1,000.00
Wallau, G. J.	8	2	1,000.00
Wanskuck Co., The	8	2	1,000.00
West Virginia Pulp & Paper Co.	8	2	1,000.00
Western Electric Co. (Inc.)	8	2	1,000.00
Wolfe, Jacques, Co.	8	2	1,000.00
Youngstown Sheet & Tube Co.	8	2	1,000.00
Zinsser & Co.	8	2	1,000.00
Total	3,997	202	428,900.00

EXHIBIT E.

(Offered and admitted in evidence as Plaintiff's Exhibit No. 61.)

[The Chemical Foundation (Inc.), Otto T. Bannard, Cleveland H. Dodge, George L. Ingraham, B. Howell Griswold, Jr., Ralph Stone, Trustees.]

TRUST AGREEMENT.

Agreement, made at the city of Wilmington, in the State of Delaware, this first day of May, 1919, between all the holders of the common capital stock, now or hereafter authorized or issued, of the Chemical

Foundation (Inc.), a corporation organized under the laws of the State of Delaware (hereinafter called the "company") who shall become parties to this agreement by signing the same or depositing stock hereunder (hereinafter called the "stockholders"), parties of the first part, and George L. Ingraham, Otto T. Bannard, Cleveland H. Dodge, B. Howell Griswold, jr., and Ralph Stone (hereinafter called the "trustees"), parties of the second part.

This agreement witnesseth:

In consideration of the mutual agreements hereinafter set forth, the parties agree as follows:

First. The stockholders promise and agree immediately upon the execution by them of this agreement, to assign, transfer, and deliver to the trustees, certificates for shares of the common stock of the company to the number of shares set opposite their respective signatures, together with sufficient transfer tax stamps, to be held by the trustees, together with such other certificates as may hereafter from time to time be delivered hereunder by any of the stockholders of the company, and to be disposed of by the trustees under and pursuant to the terms and conditions hereof.

Second. The trustees in exchange for the shares of common stock of the company transferred and delivered to them hereunder, will cause to be issued and delivered to the stockholders transferring the same, trust certificates in substantially the following form:

COMMON STOCK TRUST CERTIFICATE.

This is to certify that as hereinafter provided ——— ——— will be entitled to receive, on the 1st day of January, 1936, a certificate or certificates for ——— shares of the par value of one hundred

dollars ($100) each of the common stock of the Chemical Foundation (Inc.), a corporation organized under the laws of the State of Delaware, and in the meantime is entitled to receive payments equal to the amount of dividends, if any, collected by the undersigned trustees or their successors in the trust, upon a like number of shares of the common stock of said corporation; and until after actual delivery of such stock certificates, the said trustees, or their successors in the trust, shall possess and shall be entitled in their discretion to exercise all the rights and powers of every nature of absolute owners of such shares, including the right to vote thereon for every purpose, and to consent to any corporate act of said corporation; it being expressly stipulated that no voting right passes to the above-named owner hereof, or his assigns, by or under this certificate or by or under any agreement, express or implied.

This certificate is issued under and pursuant to, and the rights of the holders hereof are subject to and are limited by, the terms and conditions of a certain trust agreement, dated the first day of May, 1919, and filed with the said corporation, and is transferable on the books of the undersigned trustees by the registered owner hereof in person or by attorney duly authorized, upon surrender of this certificate properly endorsed.

This certificate shall not be sold, assigned, or transferred, nor shall the same be transferable upon the books of the trustees, until the consent and approval of the board of directors of the Chemical Foundation (Inc.), to and of such transfer, duly evidenced by suitable endorsement hereon, shall have been obtained.

This certificate shall not be valid unless registered by the registrar.

In witness whereof the undersigned trustees personally or by their duly appointed agent have executed this certificate this —— day of ——, 19—

——— ———,
——— ———,
——— ———,
Trustees.

By——— ———.

Registered——— ——, 19—.

——— ———, *Registrar.*

By——— ———.

The trustees may cause to be issued hereunder temporary printed trust certificates in substantially the form hereinbefore set forth, and may cause the same to be exchanged for definite engraved trust certificates in substantially the said form.

Third. The trustees may execute any or all of said trust certificates by their agent or agents whom they may from time to time appoint for the purpose; and they shall from time to time appoint a registrar to register the same, and no certificate shall be valid unless registered with the said registrar.

Fourth. The trust certificate issued by the trustees hereunder may be transferred on the books of the trustees upon the surrender of such certificates properly endorsed by the registered owner thereof in person or by attorney duly authorized according to the rules established for that purpose by the trustees. No such transfer shall, however, be permitted unless and until the consent and approval of the board of directors of the Chemical Foundation (Inc.), evidenced by a suitable endorsement on the trust certif-

icate to be transferred shall have been obtained. The trustees shall not be obliged to recognize, nor shall they be held liable for not recognizing, any person as the owner of any trust certificate issued hereunder other than the person in whose name the same shall be registered on their books as such owner.

Fifth. The trustees shall forthwith cause all shares of stock deposited with them hereunder to be transferred on the books of said the Chemical Foundation (Inc.), into the names of the trustees as trustees under this agreement. Such further transfer of said shares may be made as may become necessary through the occurrence of any change of the persons holding the office of trustee, as herein provided.

Sixth. Until the actual delivery of stock certificates in exchange for trust certificates, the trustees shall possess the legal title to the shares deposited hereunder, and be entitled to exercise all rights and powers of absolute owners of said stock of every name and nature, including the right to consent to any corporate act of the company, and the full and unqualified right and power to vote in person or by proxy such stock so transferred to them at all meetings of the stockholders of the company for any and every purpose and on any and all matters and business of the company, ordinary and extraordinary. In particular the trustees shall have the full and unqualified right and power to vote in person or by proxy on said stock upon all questions affecting the disposition, after the redemption or retirement of the preferred stock, of the net earnings of the corporation, and affecting the use or application of such earnings for the development and advancement of chemistry and allied science in the useful arts and manufactures in the United States.

The foregoing enumeration of particular powers shall not be construed to limit the generality of the grants of power herein contained.

In voting upon the shares of stock of the company held by them hereunder, the trustees shall exercise their best judgment, but they assume no responsibility in respect to the management of the company or in respect to any act taken pursuant to their votes so cast, or pursuant to any consent given by them.

Seventh. On the 1st day of January, 1936, or upon the prior termination of this agreement, as herein provided, the trustees in exchange for and upon surrender of the aforesaid trust certificates then outstanding, and upon payment by the respective holders of trust certificates of the stock transfer tax, if any, will in accordance with the terms hereof deliver or cause to be delivered proper certificates representing such number of shares of the common stock of the company as is represented by the trust certificates so surrendered.

Eighth. This agreement shall continue in force until the 1st day of January, 1936, it being understood, however, that the trustees shall have the power, by unanimous vote, at any time prior to said date, to terminate this trust agreement and to deliver the shares of stock so deposited with them to the holders of the trust certificates, and in that case the trustees may call upon the holders of trust certificates to surrender them and receive in exchange therefor certificates for common stock, as hereinbefore provided.

Ninth. Either of the said trustees may at any time resign, by delivering his resignation in writing to the other trustees, to take effect ten days there-

after, or on its earlier acceptance by the other trustees. In the event of the death, resignation, or disability of any of the trustees now or hereafter acting under this agreement, his successor shall be appointed in writing by a majority vote of the remaining trustees.

The term "trustees" as used herein, and in said trust certificates, shall apply to those herein named, and their successors at any time hereunder.

Tenth. Except as provided in the eighth clause of this agreement, all questions arising between the trustees shall from time to time be determined by a decision of a majority of those then acting as trustees either at a meeting or by writing with or without a meeting, and in like manner they may establish their rules or action. Except as aforesaid, the decision or act of a majority of the trustees shall for the exercise of the voting power and for all purposes of this agreement be deemed a decision or act of all the trustees.

Any trustee may be a director or officer of the company and may vote for himself and any or all of the trustees, as such officer or director. Any trustee, or any firm of which he is a member, or any corporation of which he may be a stockholder, a director or officer, may contract with the company or any subsidiary or controlled company, or be or become pecuniarily interested in any matter or transaction in which the company or any subsidiary or controlled company may be a party, or in which it may in any way be concerned, as fully as though he were not a trustee.

Eleventh. Each holder of a trust certificate issued by the trustees hereunder shall be entitled to receive payments equal to the amount of dividends, if any, collected by the trustees upon the number of shares

of the common stock of the said company represented by the trust certificates held by him.

Twelfth. Any stockholder being the owner of fully paid common stock of the company, whether now or hereafter authorized or issued, may at any time become a party to this agreement, and acquire all the rights and benefits hereof by depositing his stock with the trustees, to be held for the purposes and subject to the term of this agreement. Such deposit, or the acceptance of a trust certificate, issued under this agreement, shall have the same force and effect as though such stockholder had, in fact, subscribed this agreement under seal.

Thirteenth. The trustees hereby accept the above trust subject to all the terms, conditions, and reservations herein contained, and agree that they will exercise the powers and perform the duties of trustees as herein set forth, provided, however, that nothing herein contained shall be construed to prevent any or all of the trustees from resigning and discharging themselves from the trust aforesaid, and provided, further, that it is expressly understood and agreed that no trustee shall incur any responsibility by reason of any error of judgment or liability in any matter or thing done or omitted to be done under this agreement or otherwise, except for his own individual, willful misconduct.

Fourteenth. A duplicate of this agreement shall be filed in the office of the company where its principal business is transacted, and shall be open daily during business hours to the inspection of any stockholder of the company or holder of a trust certificate issued hereunder.

Fifteenth. This agreement may be executed in several counterparts, each of which so executed shall

be deemed to be an original, and such counterparts shall together constitute one and the same instrument.

Sixteenth. All notices to be given to the holders of trust certificates hereunder shall be given by mail to the holders of the trust certificates at their addresses registered with the trustees.

Seventeenth. The validity and interpretation of this agreement and of every provision thereof shall be determined in accordance with the laws of the State of Delaware.

In witness whereof the several parties hereto have hereunto set their hands and seals as of the day and year first above written.

_____ _____. [SEAL.]
_____ _____. [SEAL.]
_____ _____. [SEAL.]
_____ _____. [SEAL.]
_____ _____. [SEAL.]

Trustees.

EXHIBIT F.

(Offered and admitted in evidence as Plaintiff's Exhibit No. 64.)

CONSTITUTION AND BY-LAWS, CHEMICAL FOUNDATION ADVISORY COMMITTEE.

ARTICLE I.

Name.

The name of this committee shall be the Chemical Foundation Advisory Committee.

ARTICLE II.

The Chemical Foundation Advisory Committee is established subject to the supervision and control of the board of directors and president of the Chemical Foundation (Inc.) to promote in all lawful ways the

interests, objects, and purposes of the Chemical Foundation (Inc.), to cooperate in an advisory capacity with the foundation in the determination of its general policies and of its policies regarding the forms, limitations, and distribution of licenses under its patents, and to render such other services to the Chemical Foundation (Inc.) as may be deemed beneficial to the Chemical Foundation (Inc.) and to the public safety and welfare.

ARTICLE III.

Organization of the committee.

SECTION 1. The advisory committee shall consist of the president and vice president of the Chemical Foundation (Inc.), a representative of the American Dyes Institute, and a representative of the Manufacturing Chemists' Association of the United States, to be respectively chosen by each association, the chairman of the section committee, and not to exceed five committeemen at large, to be chosen by the President of the Chemical Foundation (Inc.).

The advisory committee shall supervise and direct investigation of any and all matters which the board of directors or president of the Chemical Foundation (Inc.) may refer to it and shall report thereon to said board of directors or president, shall appoint such special subcommittees as it may deem necessary, and may abolish the same, and shall have such other powers and duties as may be given to it from time to time by the president and board of directors of the Chemical Foundation (Inc.).

SEC. 2. *Meetings of the advisory committee.*—A meeting of the advisory committee shall be held immediately after the annual meetings of the section

committees, as hereinafter provided for. Regular monthly meetings shall be held at 2.30 o'clock p. m. on the third Wednesday of each month, and special meetings may be held at the call of the president or vice president of the Chemical Foundation (Inc.) or by request in writing to the secretary signed by three members of the advisory committee. At least five days' notice of such meetings shall be given to each member of the advisory committee. Five members of the advisory committee shall constitute a quorum.

ARTICLE IV.

Officers.

SECTION 1. The officers of the advisory committee shall be a chairman, a vice chairman, who shall be respectively the president and vice president of the Chemical Foundation (Inc.), and a secretary, who shall be elected annually by the advisory committee at its annual meeting. The secretary shall hold office for the year and until his successor shall have been elected and shall have accepted office. Any vacancies in office shall be filled by the advisory committee. The secretary need not be a member of the committee.

SEC. 2. The chairman shall preside at all meetings of the advisory committee. He shall be a member ex officio of all sections and all committees and shall perform such duties as are necessarily incident to his office.

In the absence or disability of the chairman his duties shall member ex officio of all sections and all committees.

SEC. 3. The Secretary shall keep a record of the proceedings of the advisory committee and of all other meetings of which a record shall be deemed

advisable by the advisory committee. It shall be the duty of the secretary to issue notices for all meetings of the advisory committee. He shall perform such other duties as may be delegated to him by the advisory committee.

ARTICLE V.

Organization of sections.

SECTION 1. The stockholders of the Chemical Foundation (Inc.) shall be divided into the following sections for the purpose of assembling in groups of like or kindred interest:

1. Dyes and intermediates.
2. Pharmaceuticals and medicinal chemicals.
3. General chemicals and fertilizers.
4. Textiles, including dyers and finishers.
5. Metallurgical.
6. Unclassified.

Additional sections shall be formed from time to time when in the opinion of the president or board of directors of the Chemical Foundation (Inc.) there is a sufficient number of stockholders of like or kindred interest to justify their formation.

Each stockholder shall designate the section into which assignment is desired, and shall be so assigned. No stockholder shall be assigned to more than one section except upon approval of the president or vice president of the Chemical Foundation (Inc.).

SEC. 2. Sections shall be represented by a section committee of not less than three elected by and from the membership of each section. The chairman and vice chairman of the advisory committee shall be ex officio members of all sections and all committees.

SEC. 3. Each section may adopt its own rules and regulations provided such are not inconsistent with

the constitution and by-laws of the advisory committee.

SEC. 4. Each section shall elect its section committee at the time of the annual meeting, or at the time of any special meeting of the stockholders called for the purpose. Section committees shall have power to elect their own chairman and to fill vacancies. No person shall be chairman of more than one section committee. Each chairman of a section committee shall be ipso facto a member of the advisory committee.

ARTICLE VI.

Section meetings.

SECTION 1. *Annual meeting.*—The annual meeting of all sections shall be held immediately following the annual stockholders' meeting of the Chemical Foundation (Inc.) and at the same place.

SEC. 2. *Special meetings.*—The secretary shall call a special meeting of any section or section committee whenever directed to do so by the advisory committee or whenever requested in writing to do so by five or more members of the particular section. Each such request in writing shall state the object or objects for which the meeting is desired, and no object not so stated shall be acted upon at the meeting.

SEC. 3. *Notice of meeting.*—At least 14 days' written notice or 7 days' telegraphic notice of the annual meeting or of any special meeting shall be sent by the secretary to each member. Notice of each special meeting shall set forth the object or objects for which it is called.

SEC. 4. *Quorum.*—A quorum at any annual or special meeting of any section shall be not less than three members in person or by proxy, unless and until such section shall by resolution otherwise provide.

Less than a quorum may adjourn any meeting for a period not longer than twenty days.

SEC. 5. Each member shall be entitled to one vote, irrespective of the amount of stock of the Chemical Foundation (Inc.) held, and may vote in person or by proxy, provided the proxy be duly executed in writing within two months prior to the meeting at which it is presented for use. A proxy given for any meeting shall, unless notice of revocation is delivered to the presiding officer, hold good for adjournments of that meeting.

ARTICLE VII.

Resignation and withdrawal.

Any member may withdraw from any section by giving written notice of resignation to the secretary, and any member who ceases to be a stockholder of the Chemical Foundation (Inc.) shall ipso facto cease to be a section member.

ARTICLE VIII.

Amendments.

The constitution and by-laws may be amended at any meeting of the stockholders of the Chemical Foundation (Inc.) by a vote of two-thirds of the members present in person or by proxy, provided a copy of the amendment or the substance thereof shall have been given in the notice calling the meeting.

The advisory committee may amend the constitution and by-laws at any meeting by a vote of two-thirds of the members present, subject to ratification at the next succeeding meeting of the stockholders of the Chemical Foundation (Inc.).

DECEMBER 2, 1919.

AMENDMENTS TO ARTICLE 5, SECTION 1.

1. There shall be one additional section known as metallurgical section, or section 5.

2. There shall be one additional section known as unclassified section, or section 6.

EXHIBIT G.

SCHEDULE 1.

The instrument dated April 10, 1919, and recorded in the United States Patent Office on April 21, 1919, in Liber Y-107, page 143, a copy of which instrument is set out in Exhibit H-1 attached to this bill of complaint, enumerated the following patents or applications therefor:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
			1919.	1919.		
4747	Jan. 27, 1915	Process for depositing hydrate of alumina and similar gelatinous precipitates from their salts.	Mar. 1	Mar. 26	I-106	381
5808	Feb. 2, 1915	Process for making press yeast.	Mar. 1	Mar. 26	X-106	459
6052	Feb. 4, 1915	Mercury derivatives of aromatic compounds and in the process of manufacturing same.	Mar. 1	Mar. 26	R-106	403
6615	Feb. 6, 1915	Method of producing with bacterae poisons intended for immunizing purposes.	Mar. 1	Mar. 26	J-106	354
7212	Feb. 9, 1915	Tanning means, their preparation and use.	Mar. 1	Mar. 26	Y-106	340
9217	Feb. 18, 1915	Processes and apparatus for sterilizing milk and other liquids.	Mar. 1	Mar. 26	Q-106	363
13085	Mar. 8, 1915	Cigar mouthpieces	Mar. 1	Mar. 26	V-106	350
15397	Mar. 18, 1915	Manufacture of acetic ester	Feb. 28	Mar. 26	Y-106	345
16511	Mar. 23, 1915	Boarding machines	Mar. 1	Mar. 22	W-106	369
20105	Apr. 8, 1915	Process for the extraction and recovery of loading materials from silk waste, etc.	Feb. 28	Mar. 26	S-106	351

[1]Date of service on Commissioner of Patents of the United States and of filing for record in the U. S. Patent Office.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
21588	Apr. 15, 1915	Process of separating thorium from the other metals of the rare earths.	Mar. 1	Mar. 26	L-106	334
21912	Apr. 16, 1915	Decomposition of alkaline chlorid solutions by means of electrolysis.	Mar. 1	Mar. 26	V-106	383
29696	May 21, 1915	Process for the reduction of iron ores and the like.	Mar. 1	Apr. 9	K-106	403
30573	May 26, 1915	Method and apparatus for uniting together pieces of brass, aluminum, and similar metals or alloys by electric resistance heating.	Feb. 28	Mar. 26	K-106	427
45023	Aug. 11, 1915	Process of converting limestone into a compressible artificial stone.	Mar. 1	Mar. 26	Y-106	361
46587	Aug. 20, 1915		Feb. 28	Mar. 26	I-106	403
47014	Aug. 17, 1915	Plant for manufacturing lampblack.	Mar. 1	Mar. 26	J-106	370
47421	Aug. 26, 1915	Methods of making mouth-pieced oval cigarettes.	Mar. 1	Mar. 26	X-106	457
47487	Aug. 26, 1915	Manufacture of metal hydroxides.	Mar. 1	Mar. 26	I-106	381
52210	Sept. 23, 1915	Anthracene dyestuffs and process for the "production thereof."	Mar. 1	Mar. 26	X-106	465
61656	Nov. 15, 1915	Process for the treatment of silk with reserves for the purpose of increasing its strength and elasticity.	Feb. 28	Mar. 26	I-106	398
62255	Nov. 18, 1915	Method and contrivance in producing building and isolation material and articles of all kinds from wood-pulp compositions, wool, cotton, peat, and other watery substances.	Mar. 1	Mar. 26	U-106	311
63231	Nov. 24, 1915	Device for charging retorts and the like.	Mar. 1	Mar. 26	S-106	358
63232	Nov. 24, 1915	Gas producers	Mar. 1	Mar. 26	S-106	358
68847	Dec. 27, 1915	Washing preparation	Feb. 28	Mar. 26	S-106	352
69562	Dec. 31, 1915	Suction boxes of paper and pasteboard machines.	Mar. 1	Mar. 26	R-106	403
69590	Dec. 31, 1915	Method of and apparatus for producing hydrocarbon.	Mar. 1	Mar. 26	Y-106	347
71515	Jan. 11, 1916	Generators for producing water gas	Mar. 1	Mar. 26	L-106	337
74007	Jan. 24, 1916	Method of oxidizing ammonia	Mar. 1	Mar. 26	I-106	387
77521	Feb. 10, 1916	Electrically driven shaker molding machines.	Mar. 1	Mar. 26	L-106	329
77706	Feb. 11, 1916	Plants for the continuous lixiviation of ores, rocks, or the like materials.	Mar. 1	Mar. 26	L-106	331
78296	Feb. 14, 1916	Method of removing the waste water produced by the recovery of ammonia from gases of a dry distillation or of fuel vaporizers.	Mar. 1	Mar. 26	T-106	367
78311	Feb. 14, 1916	Process of manufacturing lubricating oils.	Mar. 1	Mar. 26	R-106	405
83613	Mar. 11, 1916	Process of producing a surrogate for tannine.	Mar. 1	Mar. 26	Z-106	287
84246	Mar. 14, 1916	Process of tanning	Mar. 1	Mar. 26	Y-106	340
86498	Mar. 24, 1916	Process of manufacturing wrought iron and steel.	Feb. 28	Mar. 26	K-106	423
87085	Mar. 27, 1916	Process of making means for reducing blood pressure.	Mar. 1	Apr. 9	V-106	489
87496	Mar. 29, 1916	Process for producing a durable food from straw, hay, and other vegetable substances.	Feb. 28	Mar. 25	S-106	330
92064	Apr. 18, 1916	Process of hydrogenerating carbon compounds.	Mar. 1	Mar. 26	S-106	354
92065	Apr. 18, 1916	Process of hydrogenerating carbon compounds under high pressure and elevated temperature.	Mar. 1	Mar. 26	S-106	353

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
92523	Apr. 20, 1916	Process for cleaning sulfonic acids.	Feb. 28	Mar. 26	Y-106	333
99254	May 20, 1916	Producing resinous bases from tar.	Mar. 1	Mar. 26	Y-106	352
100349	May 27, 1916	Manufacture of organic acids and acid anhydrides.	Mar. 1	Mar. 26	Y-106	343
106524	June 28, 1916	Method of dressing hides	Mar. 1	Mar. 26	R-106	399
110619	July 21, 1916	Method of and apparatus for utilising mine waste by means of heat of waste fields.	Feb. 28	Mar. 25	S-106	333
112130	July 29, 1916	New dye of the acridine series and their manufacture.	Mar. 1	Mar. 26	Z-106	280
112131	July 29, 1916	New dye of the acridine series and their manufacture.	Mar. 1	Mar. 26	Z-106	289
112139	July 29, 1916	Process of systematically sulphurating the juices obtained during the manufacture of sugar.	Mar. 1	Mar. 26	J-106	374
112146	July 29, 1916	Washing, cleaning, and lubricating medium.	Mar. 1	Mar. 26	I-106	380
112197	July 29, 1916	New dyes of the benzenenaphthalene series and their manufacture.	Mar. 1	Mar. 26	Z-106	289
113780	Aug. 8, 1916	Process of and oven for the continuous distillation or gasification of organic matter or minerals containing organic matter.	Mar. 1	Mar. 26	U-106	324
113963	Aug. 9, 1916	Device for producing sugar lumps in confectionery.	Mar. 1	Mar. 26	Y-106	338
114082	Aug. 9, 1916	Letter copying machine	Mar. 1	Mar. 26	Q-106	358
115733	Aug. 18, 1916	Employment of carbon and hydrogen extracted out of methan or of carburretted hydrogen of the methan series (earthy gas) by means of the formation of nitrogen (axotic gas).	Mar. 1	Mar. 26	Q-106	364
118421	Sept. 5, 1916	Treatment of lumber	Feb. 28	Mar. 26	K-106	421
118836	Sept. 7, 1916	Method of producing bound nitrogen during evaporation of nitrogen containing fuels.	Mar. 1	Mar. 25	S-106	332
118837	Sept. 7, 1916	Method of operating generators	Mar. 1	Mar. 25	S-106	332
119550	Sept. 11, 1916	Method of manufacture of polyvalent alcohols.	Mar. 1	Mar. 26	H-106	423
124855	Oct. 10, 1916	Method for the production of by-products; for example, nitrogen compounds, etc.	Feb. 28	Mar. 25	S-106	333
124864	Oct. 10, 1916	Method for rendering cement and the like water-tight.	Feb. 28	Mar. 26	X-106	463
125116	Oct. 11, 1916	Process of manufacturing dense ware from bauxite.	Mar. 1	Mar. 26	Y-106	337
126322	Oct. 18, 1916	Method and arrangement for wetting the paper cut to strip for spinning purposes.	Mar. 1	Mar. 26	U-106	310
126533	Oct. 19, 1916	Treatment of textile fibers and fabrics.	Feb. 25	Mar. 26	S-106	352
127448	Oct. 24, 1916	Method of refining raw wood-pulp liquor.	Mar. 1	Mar. 26	V-106	382
129115	Nov. 2, 1916	Multicolour printing	Mar. 1	Mar. 26	I-106	404
129829	Nov. 6, 1916	Blue tetrakisazo dyes	Mar. 1	Mar. 26	Z-106	289
129830	Nov. 6, 1916	Manufacture of enamels	Mar. 1	Mar. 26	T-106	269
130437	Nov. 9, 1916	Process for producing a highly active decolorising charcoal.	Mar. 1	Mar. 26	R-106	406
130676	Nov. 10, 1916	Process and machine for making horny bodies particularly of clear translucent or transparent quality from mealy albuminous masses as casein.	Mar. 1	Mar. 26	I-106	396
130760	Nov. 11, 1916	Process of recovering metals from natural waters.	Mar. 1	Mar. 26	L-106	340
130928	Nov. 11, 1916	Process for the manufacture of products of condensation and oxidation from acetylene.	Mar. 1	Mar. 26	X-106	470
131222	Nov. 14, 1916	Manufacture of a table salt	Mar. 1	Mar. 26	L-106	335

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
136701	Dec. 13, 1916	Process of and apparatus for producing decolorizing charcoal.	Feb. 28	Mar. 26	J-106	373
137241	Dec. 15, 1916	Dyeing machine	Feb. 28	Mar. 21	D-106	393
137242	Dec. 15, 1916	Means for dyeing yarns or the like.	Feb. 28	Mar. 21	D-106	393
137243	Dec. 15, 1916	Process of dyeing yarn on cross spools or the like.	Feb. 28	Mar. 21	D-106	393
137244	Dec. 15, 1916	Carriers for cross spools or the like.	Feb. 28	Mar. 21	D-106	393
137245	Dec. 15, 1916	Device for use in dyeing yarn and the like.	Feb. 28	Mar. 21	D-106	393
138665	Dec. 23, 1916	Tanning	Feb. 3	Feb. 21	Y-106	133
139431	Dec. 28, 1916	Process of treating molten metal on metallic alloys with a view to freeing them from the slag.	Mar. 1	Mar. 26	U-106	325
139436	Dec. 28, 1916	Suction box for paper machines and the like.	Mar. 1	Apr. 10	K-106	497
142233	Jan. 13, 1917	Flexible metal hose	Mar. 1	Mar. 26	Y-106	350
142234	Jan. 13, 1917	Method of welding electrically sheet zinc lap seams.	Mar. 21	Apr. 9	Q-106	444
142235	Jan. 13, 1917	Method of working electric resistance welding machines operating with continuous current.	Mar. 21	Apr. 9	Q-106	444
142238	Jan. 13, 1917	Method of welding flexible metal hose.	Mar. 21	Apr. 9	Q-106	444
143144	Jan. 18, 1917	Process for producing tannic acid compounds of the digitaliglycosides.	Mar. 21	Apr. 9	K-106	496
143943	Jan. 23, 1917	Method of and apparatus for hardening manganese steel articles.	Mar. 1	Mar. 26	X-106	458
144516	Jan. 25, 1917	Process for rendering durable extracts of drugs.	Mar. 21	Apr. 9	K-106	494
148869	Feb. 15, 1917	Method of making steel tools by casting for machining of iron and other hard material.	Mar. 1	Mar. 26	J-106	355
149971	Feb. 20, 1917	Device for the manufacture of aluminum vessels by means of the tilt-over-casting method.	Mar. 1	Mar. 26	Z-106	288
150397	Feb. 23, 1917	Method of producing nitrogen from fuels at the combustion.	Feb. 28	Mar. 25	S-106	333
150398	Feb. 23, 1917	Method for the production of nitrogen compounds.	Feb. 28	Mar. 25	S-106	333
150854	Feb. 24, 1917	Method of tinning sheet metal	Mar. 1	Mar. 26	K-106	418
150855	Feb. 24, 1917	Adhesive material for gluing	Mar. 1	Mar. 26	W-106	468
1089960	Mar. 10, 1914	Reis. app. orig. pat	Mar. 24	Apr. 9	Y-106	437
152350	Mar. 3, 1917	Primary batteries	Mar. 22	Apr. 9	Q-106	446
152353	Mar. 3, 1917	Galvanic batteries	Mar. 22	Apr. 9	Q-106	446
152354	Mar. 3, 1917	Galvanic batteries	Mar. 22	Apr. 9	Q-106	446
152355	Mar. 3, 1917	Galvanic batteries	Mar. 22	Apr. 9	Q-106	446
152393	Mar. 3, 1917	Process for the manufacture of a casein especially adapted for the production of artificial hornlike masses.	Mar. 1	Mar 26	H-106	409
152724	Mar. 6, 1917	Zinc alloys	Mar. 1	Mar. 26	T-106	365
152725	Mar. 6, 1917	Manufacture of high-speed steel free from tungsten, for highest capacities.	Mar. 1	Mar. 26	T-106	365
152726	Mar. 6, 1917	Manufacture of chrome cobalt steel for high-speed tools.	Mar. 1	Mar. 26	T-106	365
153425	Mar. 8, 1917	Process and device for casting metals and other materials under an explosivelike pressure into molds.	Apr. 7	Apr. 9	K-106	493
153984	Mar. 10, 1917	Process for producing tannate lime compound difficultly soluble in dilute acids.	Mar. 21	Apr. 9	K-106	496
156036	Mar. 31, 1917	Process for the preparation of gallic and pyrogallic acid.	Feb. 26	Mar. 26	P-106	384

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			1919.	1919.		
161632	Apr. 12, 1917	Spinning viscous liquids while flowing liquids are used for feeding the thread.	Mar. 1	Mar. 26	T-106	368
162113	Apr. 14, 1917	Proceedings for the acceleration of fermentation.	Feb. 28	Mar. 26	J-106	353
163261	Apr. 19, 1917	Zinc alloys	Mar. 21	Apr. 9	U-106	383
163262	Apr. 19, 1917	Zinc alloys	Mar. 21	Apr. 9	U-106	383
163263	Apr. 19, 1917	Zinc alloys	Mar. 21	Apr. 9	U-106	383
167564	May 9, 1917	Composition of matter and method of preserving organic porous material.	Mar. 1	Mar. 26	Q-106	333
170663	May 24, 1917	Method of preserving vegetables, fruit, and the like.	Mar. 1	Mar. 26	J-106	350
172791	June 4, 1917	Process for making enamels	Feb. 28	Mar. 26	U-106	331
173153	June 6, 1917	Process of coating blank material, as, for instance, paper with leaf metal.	Feb. 28	Mar. 26	J-106	341
174642	June 13, 1917	Means for greasing leather of all kinds and for oil tanning.	Mar. 21	Apr. 9	Y-106	440
174643	June 13, 1917	Process for tanning with iron salts.	Mar. 21	Apr. 9	Y-106	440
176622	June 23, 1917	Method of manufacturing solid toilet and household soaps in cake or powder form.	Mar. 1	Mar. 26	J-106	371
177845	June 29, 1917	Process for the preparation of glyoxal.	Mar. 1	Mar. 26	I-106	384
180196	July 12, 1917	Production of molybdenum compounds.	Feb. 28	Mar. 26	U-106	322
181130	July 17, 1917	Solution of albumin containing medicinal and immunizing substances.	Mar. 1	Mar. 26	Y-106	380
186043	Aug. 13, 1917	Process of making moulded reproductions from matrices.	Mar. 1	Mar. 26	I-106	401
187398	Aug. 21, 1917	Furnace for reducing and roasting ores.	Mar. 1	Mar. 26	J-106	352
187726	Aug. 22, 1917	Method of working refractory metals.	Mar. 1	Mar. 26	Q-106	338
190654	Sept. 10, 1917	Hot-gas processes for the reduction and smelting of metals.	Mar. 1	Mar. 26	J-106	353
192021	Sept. 18, 1917	Manufacture of products capable of precipitating glue or like substances.	Feb. 3	Feb. 21	Y-106	133
193137	Sept. 25, 1917	Process for the extraction of borax from mixtures containing boracic acid or borax and sodium sulphate.	Mar. 1	Mar. 26	Q-106	359
196288	Oct. 12, 1917	Carbonic-acid bath and process of making same.	Mar. 1	Mar. 26	U-106	329
196774	Oct. 15, 1917	Rotating or revolving presses	Mar. 1	Mar. 26	R-106	401
196921	Oct. 16, 1917	Method of annealing rods, tubes, and the like and apparatus therefor.	Mar. 1	Mar. 26	V-106	383
198337	Oct. 24, 1917	Method of treating animal and vegetable fibers and the like, such as wool, hairs, feathers, and cotton, with a view of rendering them active either in a colored or uncolored condition.	Feb. 28	Mar. 26	I-106	363
199401	Oct. 31, 1917	Tents	Mar. 1	Mar. 26	Y-106	383
199794	Nov. 1, 1917	Pharmaceutical product and process of making same.	Mar. 1	Mar. 26	I-106	385
199798	Nov. 1, 1917	Clamp or holder for writing pads or blocks.	Mar. 1	Mar. 26	H-106	422
203037	Nov. 20, 1917	Method of manufacturing raw plate glass of different quality, size, thickness, surface, initial temperature, and the like.	Mar. 1	Mar. 26	V-106	390
204439	Nov. 28, 1917	Rotary malting drums	Mar. 1	Mar. 26	Z-106	240
204440	Nov. 28, 1917	Acetylene producers	Mar. 1	Mar. 22	P-106	304
205460	Dec. 4, 1917	Process for washing materials of all kinds.	Mar. 21	Apr. 9	Y-106	449

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
203880	Dec. 6, 1917	Process for tanning with aluminium salts.	Mar. 21	Apr. 9	Y-106	440
208671	Dec. 24, 1917	Process for producing and revivifying decolorizing charcoal of high decolorizing power.	Mar. 1	Mar. 26	K-106	419
208705	Dec. 24, 1917	Method of producing hydroxydes of metals by precipitating metallic salts with ammonia.	Mar. 1	Mar. 26	I-106	381
208862	Dec. 26, 1917	Process of treating albumenous animal waste.	Mar 1	Mar. 26	V-106	389
208863	Dec. 26, 1917	Process for the production of meat-extract like preparations.	Mar. 1	Mar. 26	V-106	389
208864	Dec. 26, 1917	Process for the treatment of albumenous animal waste for the preparation of human food.	Mar. 1	Mar. 26	V-106	389
208865	Dec. 26, 1917	Process for the preparation of human food from horns, hair, skins, etc.	Mar. 1	Mar. 26	V-106	389
208866	Dec. 26, 1917	Process for the production of a preserved meat-extract like preparations from fish flesh.	Mar. 1	Mar. 26	V-106	389
212820	Jan. 19, 1918	Manufacture of ceramic and like ware.	Mar. 1	Mar. 26	Y-106	342
213440	Jan. 23, 1918	Plastic compositions	Mar. 1	Mar. 26	Q-106	361
213789	Jan. 25, 1918	Bromodiethylacetylcarboxyalkylurea compounds.	Mar. 1	Mar. 26	I-106	383
13821	Jan. 25, 1918	Black-brown disazo dye	Mar. 1	Mar. 26	R-106	398
213824	Jan. 25, 1918	Dyeing mediums and process of dyeing.	Mar. 1	Mar. 26	S-106	348
214484	Jan. 30, 1918	Diaphragms for electrolytical cells.	Mar. 1	Apr. 9	V-106	484
215040	Feb. 7, 1918	Process for converting limestone into a compressible artificial stone.	Mar. 1	Mar. 26	Y-106	361
217392	Feb. 15, 1918	Process of extracting water or aqueous solutions from earth or other oil emulsions.	Mar. 1	Mar. 26	Y-106	344
219935	Mar. 1, 1918	Process for the manufacture of meat-extract preparations.	Mar. 1	Mar. 26	V-106	389
219942	Mar. 1, 1918	Method of manufacturing vessels, such as preserve boxes and the like.	Mar. 21	Apr. 9	Q-106	444
222002	Mar. 12, 1918	Boarding machines	Mar. 1	Mar. 22	W-106	369
224091	Mar. 25, 1918	Process for the utilization of waste leather.	Feb. 28	Mar. 26	S-106	352
227817	Apr. 10, 1918	Electric resistance	Mar. 1	Mar. 26	Y-106	353
227818	Apr. 10, 1918	Process of extracting inuline and laevulose from plants.	Mar. 1	Mar. 26	L-106	330
228755	Apr. 15, 1918	Nutriment containing albumen, and more especially to the method of producing it.	Mar. 1	Mar. 26	V-106	386
233359	May 8, 1918	Means for stiffening linen and the like.	Mar. 1	Mar. 26	Q-106	362
237597	May 31, 1918	Arc furnace for producing endothermic gas reactions.	Mar. 1	Mar. 26	X-106	464
237665	May 31, 1918	Fruit squeezer	Mar. 1	Mar. 26	V-106	410
240883	June 19, 1918	Device for use in dyeing yarn and the like.	Feb. 28	Mar. 21	D-106	393
			Feb. 28	Mar. 28	I-106	400
242676	June 29, 1918	Tablets for preparing solutions for preserving wood.	Mar. 1	Mar. 26	Q-106	365
244201	July 10, 1918	Tinning of sheet metal	Mar. 1	Mar. 26	Z-106	285
246419	July 23, 1918	Process of preparing a permanent and spinnable solution in the cupric ammonia process.	Mar. 1	Mar. 26	Y-106	339
246791	July 25, 1918	Manufacture or production of chlorinated products of toluene and dyestuffs therefrom.	Mar. 1	Mar. 26	X-106	460
248015	Aug. 2, 1918	Manufacture of new substances containing sulfur and of new sulfur dyestuffs.	Feb. 28	Mar. 26	V-106	383

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				Date of filing or recording.	Book.	Page.
			1919.	1919.		
248066	Aug. 2, 1918	Tanning substances for tanning animal hides and process of preparing the same.	Mar. 1	Mar. 26	Q-106	363
251376	Aug. 26, 1918	Method and means for the production of metallic coatings after the spirting process within a receptacle containing and moving the parts to be coated.	Mar. 1	Mar. 26	Y-106	348
252796	Sept. 5, 1918	Manufacturing electric coils of aluminium.	Mar. 1	Mar. 26	I-106	403
254359	Sept. 16, 1918	Manure, and method and apparatus for making same.	Mar. 22 Apr. 22	Apr. 9 Apr. 22	N-106 Q-107	497 34
256028	Oct. 4, 1918	Process of making wood alcohol from methane gas by the way of methylic-chlorine.	Mar. 1	Mar. 26	U-106	323
256029	Oct. 4, 1918	Process of making the chlorinating products of methane.	Mar. 1	Mar. 26	U-106	323
260214	Oct. 29, 1918	Machines for making layer fabrics.	Feb. 28	Mar. 26	Y-106	331
260609	Oct. 31, 1918	Process of producing metal bodies.	Feb. 28	Mar. 26	V-106	397
262028	Nov. 14, 1918	Method of refining mixtures of chlorides of naphthalenes serving as substitutes for rosin.	Mar. 1	Mar. 26	U-106	328
270243	Jan. 8, 1919	Process of manufacturing caoutchouc-like substances.	Mar. 1	Mar. 26	L-106	333
274582	Feb. 1, 1919	Articles which require a high resistance against corrosion.	Mar. 1	Apr. 9	Q-106	443
672119	Jan. 19, 1912	Process for the manufacture of viscose.	Mar. 1	Mar. 26	Q-106	361
712993	Aug. 2, 1912	Method of distilling benzol hydrocarbons from saturated wash oil or benzolated creosote.	Mar. 1	Mar. 26	X-106	467
719658	Sept. 10, 1912	Process of subdividing metal for use in plastic metallic packings.	Mar. 1	Mar. 26	Q-106	357
730032	Nov. 7, 1912	Coke ovens	Mar. 1	Mar. 26	X-106	467
742695	Jan. 17, 1913	Manufacture of salts of acetylsalicylic acid.	Mar. 1	Mar. 26	Z-106	283
797572	Oct. 27, 1913	Ceramic composition	Mar. 1	Mar. 26	Z-106	281
799030	Nov. 3, 1913	Process of manufacturing urea	Mar. 1	Mar. 26	V-106	398
802499	Nov. 22, 1913	Process for obtaining light hydrocarbons.	Mar. 1	Mar. 26	Z-106	283
803377	Nov. 28, 1913	Cleansing compounds and process of making the same.	Mar. 1	Mar. 26	S-106	349
803437	Nov. 28, 1913	Process of making opaquering and enameling compounds, and products.	Feb. 28	Mar. 26	K-106	428
808261	Dec. 22, 1913	Use for photographic purposes of more or less insoluble salts of fatty acids.	Mar. 1	Mar. 26	U-106	327
808370	Dec. 23, 1913	Method of manufacturing flexible record blanks or discs for talking machines.	Mar. 1	Mar. 26	I-106	399
810198	Jan. 3, 1914	Hydraulic ingredient and process of making same.	Mar. 1	Mar. 26	Y-106	339
811060	Jan. 8, 1914	Process for the manufacture of lustrous threads from crude viscose by means of warm mineral acids.	Feb. 28	Mar. 26	S-106	359
813066	Jan. 19, 1914	Process for producing salts of the N - menthyl hexa - menthenetetramine.	Mar. 1	Mar. 26	J-106	362
815295	Jan. 29, 1914	Process of manufacturing hydrocarbons adapted for gasification.	Feb. 28	Mar. 26	V-106	384
816391	Feb. 3, 1914	Process for removing fat from raw wool or analogous materials by the aid of fat solvents.	Mar. 1	Mar. 26	I-106	394
818224	Feb. 12, 1914	Process for obtaining light hydrocarbons from heavy hydrocarbons.	Mar. 1	Mar. 22	X-106	327
818914	Feb. 16, 1914	Process for the manufacture of ethers of the carbohydrates $C_6H_{10}O_5$ and their derivatives.	Mar. 1	Mar. 26	Q-106	361

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
819757	Feb. 19, 1914	Manufacture of varnish	Feb. 28	Mar. 26	V-106	409
825916	Mar. 19, 1914	Process of converting mineral oils of high boiling points into products having lower boiling points.	Mar. 1	Mar. 26	I-106	395
835567	Apr. 30, 1914	Manufacture of molded cork pieces.	Mar. 21	Apr. 9	U-106	386
837878	May 11, 1914	Method of extracting juices from root fruits.	Mar. 1	Mar. 26	H-106	425
839079	May 16, 1914	Process of making cellulose kanthrogenate solutions and product produced.	Mar. 1	Mar. 26	Q-106	361
839085	May 16, 1914	Apparatus for electrochemical and electroosmotic purposes.	Mar. 1	Mar. 26	X-106	461
844819	June 12, 1914	Process for making light colored air and light proof condensation products from phenol and formaldehyde.	Feb. 28	Mar. 26	K-106	425
845325	June 15, 1914	Process of making means for reducing blood pressure.	Mar. 1	Apr. 9	V-106	489
846100	Jun. 19, 1914	Process for preparing combinations of phenolphtaleine with carbonates of alcali.	Mar. 1	Mar. 26	X-106	471
846168	June 19, 1914	Articles which require a high resistance against corrosion.	Mar. 1	Apr. 9	Q-106	443
846707	June 22, 1914	Process of destroying obnoxious insects.	Mar. 1	Mar. 26	P-106	383
853477	July 22, 1914	Process for the enriching or activating liquids or gases with radium emanation.	Feb. 28	Mar. 26	I-106	383
855051	Aug. 4, 1914	Process of treating tar or tar oils or tar derivatives.	Mar. 1	Mar. 26	H-106	424
862622	Sept. 19, 1914	Manufacture of hollow bodies made of brass, aluminium, and other metals or alloys of high conductivity for heat.	Feb. 28	Mar. 26	K-106	427
867868	Oct. 21, 1914	Process of making solid bodies from nitrids.	Mar. 1	Mar. 26	K-106	422
869131	Oct. 28, 1914	Method of producing chlorine and sulphates from chlorides.	Mar. 1	Mar. 26	S-106	356
869140	Oct. 28, 1914	Ceramic articles and method of making same.	Mar. 1	Mar. 26	V-106	391
870089	Nov. 3, 1914	Pre-heaters for use in the chemical industry, especially for use in the petroleum, tar, and the like industry.	Mar. 1	Mar. 26	X-106	466
876001	Dec. 7, 1914	Apparatus for evaporating liquids.	Mar. 1	Mar. 26	Y-106	346
876723	Dec. 11, 1914	Process for treating minerals containing potash.	Mar. 1	Mar. 26	Y-106	335
877595	Dec. 16, 1914	Method for refining hydrocarbons, their products of distillation and residues.	Mar. 1	Mar. 26	T-106	364
879492	Dec. 29, 1914	Method for separating constituents of air or other gases.	Apr. 8	Apr. 9	V-106	485
879603	Dec. 29, 1914	Method of producing bronsed sections, subsequently to form the tips on cigarette paper strips.	Mar. 1	Mar. 26	U-106	320
879726	Dec. 30, 1914	Process of preparation of oxalic acid.	Mar. 1	Mar. 26	Z-106	286

The following patents and applications demanded under Report No. 33051, Trust No. 734:

Note: The name "Badische Anilin & Soda Fabrik Co." appears in assignment. The name "Badische Anilin & Soda Fabrik" is the name appearing in the demands.

Badische Anilin & Soda Fabrik Co.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
Patent			1919.	1919.		
11973	Mar. 4, 1902		Feb. 3	Feb. 21	Y-106	133
12654	May 21, 1907		Feb. 3	Feb. 21	Y-106	133
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688647	Dec. 10, 1901		Feb. 3	Feb. 21	Y-106	133
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690294	Dec. 31, 1901		Feb. 3	Feb. 21	Y-106	133
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690347	Dec. 31, 1901		Feb. 3	Feb. 21	Y-106	133
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692760	Feb. 4, 1902		Feb. 3	Feb. 21	Y-106	133
695811	Mar. 18, 1902		Feb. 3	Feb. 21	Y-106	133
695812	Mar. 18, 1902		Feb. 3	Feb. 21	Y-106	133
695835	Mar. 18, 1902		Feb. 3	Feb. 21	Y-106	133
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700565	May 20, 1902		Feb. 3	Feb. 21	Y-106	133
707373	Aug. 19, 1902		Feb. 3	Feb. 21	Y-106	133
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723125	Mar. 17, 1903		Feb. 3	Feb. 21	Y-106	133
724789	Apr. 7, 1903		Feb. 3	Feb. 21	Y-106	133

[1]Date of service on Commissioner of Patents of the United States and of filing for record in the U. S. Patent Office.

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995936	June 20, 1911		Feb. 3	Feb. 21	Y-106	133

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1043798	Nov. 12, 1912		Feb. 3	Feb. 21	Y-106	133
1044673	Nov. 19, 1912		Feb. 3	Feb. 21	Y-106	133
1044674	Nov. 19, 1912		Feb. 3	Feb. 21	Y-106	133
1044675	Nov. 19, 1912		Feb. 3	Feb. 21	Y-106	133
1045139	Nov. 26, 1912		Feb. 3	Feb. 21	Y-106	133
1045895	Dec. 3, 1912		Feb. 3	Feb. 21	Y-106	133
1047812	Dec. 17, 1912		Feb. 3	Feb. 21	Y-106	133
1047813	Dec. 17, 1912		Feb. 3	Feb. 21	Y-106	133
1052567	Feb. 11, 1913		Feb. 3	Feb. 21	Y-106	133
1053851	Feb. 18, 1913		Feb. 3	Feb. 21	Y-106	133
1053852	Feb. 18, 1913		Feb. 3	Feb. 21	Y-106	133
1054885	Mar. 4, 1913		Feb. 3	Feb. 21	Y-106	133
1054901	Mar. 4, 1913		Feb. 3	Feb. 21	Y-106	133
1055701	Mar. 11, 1913		Feb. 3	Feb. 21	Y-106	133
1057242	Mar. 25, 1913		Feb. 3	Feb. 21	Y-106	133
1058604	Apr. 8, 1913		Feb. 3	Feb. 21	Y-106	133
1061714	May 13, 1913		Feb. 3	Feb. 21	Y-106	133
1061725	May 13, 1913		Feb. 3	Feb. 21	Y-106	133
1062973	May 27, 1913		Feb. 3	Feb. 21	Y-106	133
1062978	May 27, 1913		Feb. 3	Feb. 21	Y-106	133
1062988	May 27, 1913		Feb. 3	Feb. 21	Y-106	133
1062990	May 27, 1913		Feb. 3	Feb. 21	Y-106	133
1063000	May 27, 1913		Feb. 3	Feb. 21	Y-106	133
1063004	May 27, 1913		Feb. 3	Feb. 21	Y-106	133
1063007	May 27, 1913		Feb. 3	Feb. 21	Y-106	133
1063172	May 27, 1913		Feb. 3	Feb. 21	Y-106	133

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Patent			1919.	1919.		
1064173	May 27, 1913		Feb. 3	Feb. 21	Y-106	133
1065102	June 17, 1913		Feb. 3	Feb. 21	Y-106	133
1065182	June 17, 1913		Feb. 3	Feb. 21	Y-106	133
1066087	July 8, 1913		Feb. 3	Feb. 21	Y-106	133
1067046	July 8, 1913		Feb. 3	Feb. 21	Y-106	133
1068966	July 29, 1913		Feb. 3	Feb. 21	Y-106	133
1068967	July 29, 1913		Feb. 3	Feb. 21	Y-106	133
1068968	July 29, 1913		Feb. 3	Feb. 21	Y-106	133
1068969	July 29, 1913		Feb. 3	Feb. 21	Y-106	133
1070294	Aug. 12, 1913		Feb. 3	Feb. 21	Y-106	133
1072174	Aug. 26, 1913		Feb. 3	Feb. 21	Y-106	133
1073002	Sept. 23, 1913		Feb. 3	Feb. 21	Y-106	133
1073003	Sept. 23, 1913		Feb. 3	Feb. 21	Y-106	133
1073004	Sept. 23, 1913		Feb. 3	Feb. 21	Y-106	133
1073005	Sept. 23, 1913		Feb. 3	Feb. 21	Y-106	133
1073951	Sept. 23, 1913		Feb. 3	Feb. 21	Y-106	133
1075085	Oct. 7, 1913		Feb. 3	Feb. 21	Y-106	133
075305	Oct. 7, 1913		Feb. 3	Feb. 21	Y-106	133
076756	Oct. 28, 1913		Feb. 3	Feb. 21	Y-106	133
077034	Oct. 28, 1913		Feb. 3	Feb. 21	Y-106	133
1077115	Oct. 28, 1913		Feb. 3	Feb. 21	Y-106	133
1077655	Nov. 4, 1913		Feb. 3	Feb. 21	Y-106	133
1078937	Nov. 18, 1913		Feb. 3	Feb. 21	Y-106	133
1083051	Dec. 30, 1913		Feb. 3	Feb. 21	Y-106	133
1083110	Dec. 30, 1913		Feb. 3	Feb. 21	Y-106	133
1083164	Dec. 30, 1913		Feb. 3	Feb. 21	Y-106	133
1083165	Dec. 30, 1913		Feb. 3	Feb. 21	Y-106	133
1083585	Jan. 6, 1914		Feb. 3	Feb. 21	Y-106	133
1086123	Feb. 3, 1914		Feb. 3	Feb. 21	Y-106	133
1086130	Feb. 3, 1914		Feb. 3	Feb. 21	Y-106	133
1089185	Mar. 3, 1914		Feb. 3	Feb. 21	Y-106	133
1089221	Mar. 3, 1914		Feb. 3	Feb. 21	Y-106	133
1089253	Mar. 3, 1914		Feb. 3	Feb. 21	Y-106	133
1089797	Mar. 10, 1914		Feb. 3	Feb. 21	Y-106	133
1090123	Mar. 10, 1914		Feb. 3	Feb. 21	Y-106	133
1090621	Mar. 17, 1914		Feb. 3	Feb. 21	Y-106	133
1090636	Mar. 17, 1914		Feb. 3	Feb. 21	Y-106	133
1091234	Mar. 24, 1914		Feb. 3	Feb. 21	Y-106	133
1091276	Mar. 24, 1914		Feb. 3	Feb. 21	Y-106	133
1092542	Apr. 7, 1914		Feb. 3	Feb. 21	Y-106	133
1093427	Apr. 14, 1914		Feb. 3	Feb. 21	Y-106	133
1094182	Apr. 21, 1914		Feb. 3	Feb. 21	Y-106	133
1094194	Apr. 21, 1914		Feb. 3	Feb. 21	Y-106	133
1095425	May 5, 1914		Feb. 3	Feb. 21	Y-106	133
1095426	May 5, 1914		Feb. 3	Feb. 21	Y-106	133
1095427	May 5, 1914		Feb. 3	Feb. 21	Y-106	133
1095731	May 5, 1914		Feb. 3	Feb. 21	Y-106	133
1095780	May 5, 1914		Feb. 3	Feb. 21	Y-106	133
1095793	May 5, 1914		Feb. 3	Feb. 21	Y-106	133
1098145	May 26, 1914		Feb. 3	Feb. 21	Y-106	133
1098858	June 2, 1914		Feb. 3	Feb. 21	Y-106	133
1098859	June 2, 1914		Feb. 3	Feb. 21	Y-106	133
1102654	July 7, 1914		Feb. 3	Feb. 21	Y-106	133
1102655	July 7, 1914		Feb. 3	Feb. 21	Y-106	133
1102715	July 7, 1914		Feb. 3	Feb. 21	Y-106	133
1102716	July 7, 1914		Feb. 3	Feb. 21	Y-106	133
1104611	July 21, 1914		Feb. 3	Feb. 21	Y-106	133
1106819	Aug. 11, 1914		Feb. 3	Feb. 21	Y-106	133
1106870	Aug. 11, 1914		Feb. 3	Feb. 21	Y-106	133
1107107	Aug. 11, 1914		Feb. 3	Feb. 21	Y-106	133
1113096	Oct. 6, 1914		Feb. 3	Feb. 21	Y-106	133
1113097	Oct. 6, 1914		Feb. 3	Feb. 21	Y-106	133
1115776	Nov. 3, 1914		Feb. 3	Feb. 21	Y-106	133
1118628	Nov. 24, 1914		Feb. 3	Feb. 21	Y-106	133
1121208	Dec. 15, 1914		Feb. 3	Feb. 21	Y-106	133

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1122790	Dec. 29, 1914		Feb. 3	Feb. 21	Y-106	133
1123371	Jan. 26, 1915		Feb. 3	Feb. 21	Y-106	133
1126475	Jan. 26, 1915		Feb. 3	Feb. 21	Y-106	133
1126627	Jan. 26, 1915		Feb. 3	Feb. 21	Y-106	133
1126636	Jan. 26, 1915		Feb. 3	Feb. 21	Y-106	133
1128804	Feb. 16, 1915		Feb. 3	Feb. 21	Y-106	133
1128836	Feb. 16, 1915		Feb. 3	Feb. 21	Y-106	133
1128843	Feb. 16, 1915		Feb. 3	Feb. 21	Y-106	133
1133031	Mar. 23, 1915		Feb. 3	Feb. 21	Y-106	133
1133081	Mar. 23, 1915		Feb. 3	Feb. 21	Y-106	133
1133086	Mar. 23, 1915		Feb. 3	Feb. 21	Y-106	133
1133087	Mar. 23, 1915		Feb. 3	Feb. 21	Y-106	133
1133108	Mar. 23, 1915		Feb. 3	Feb. 21	Y-106	133
1148570	Aug. 3, 1915		Feb. 3	Feb. 21	Y-106	133
1149510	Aug. 10, 1915		Feb. 3	Feb. 21	Y-106	133
1150863	Aug. 24, 1915		Feb. 3	Feb. 21	Y-106	133
1152930	Sept. 7, 1915		Feb. 3	Feb. 21	Y-106	133
1156048	Oct. 12, 1915		Feb. 3	Feb. 21	Y-106	133
1157668	Oct. 26, 1915		Feb. 3	Feb. 21	Y-106	133
1157669	Oct. 26, 1915		Feb. 3	Feb. 21	Y-106	133
1163531	Dec. 28, 1915		Feb. 3	Feb. 21	Y-106	133
1166100	Dec. 28, 1915		Feb. 3	Feb. 21	Y-106	133
1166790	Jan. 4, 1916		Feb. 3	Feb. 21	Y-106	133
1166808	Jan. 4, 1916		Feb. 3	Feb. 21	Y-106	133
1168079	Jan. 11, 1916		Feb. 3	Feb. 21	Y-106	133
1169404	Jan. 25, 1916		Feb. 3	Feb. 21	Y-106	133
1173332	Feb. 29, 1916		Feb. 3	Feb. 21	Y-106	133
1173350	Feb. 29, 1916		Feb. 3	Feb. 21	Y-106	133
1175693	Mar. 14, 1916		Feb. 3	Feb. 21	Y-106	133
1176363	Mar. 21, 1916		Feb. 3	Feb. 21	Y-106	133
1183943	June 6, 1916		Feb. 3	Feb. 21	Y-106	133
1188530	June 27, 1916		Feb. 3	Feb. 21	Y-106	133
1188543	June 27, 1916		Feb. 3	Feb. 21	Y-106	133
1188544	June 27, 1916		Feb. 3	Feb. 21	Y-106	133
1188545	June 27, 1916		Feb. 3	Feb. 21	Y-106	133
			1918.			
1189110	June 27, 1916		Dec. 23	Jan. 6	E-106	94
			Feb. 3	Feb. 21	Y-106	133
			1919.			
1191480	July 18, 1916		Feb. 3	Feb. 21	Y-106	133
1191799	July 18, 1916		Feb. 3	Feb. 21	Y-106	133
1192310	July 25, 1916		Feb. 3	Feb. 21	Y-106	133
1196101	Aug. 29, 1916		Feb. 3	Feb. 21	Y-106	133
1196127	Aug. 29, 1916		Feb. 3	Feb. 21	Y-106	133
1200805	Oct. 10, 1916		Feb. 3	Feb. 21	Y-106	133
1200806	Oct. 10, 1916		Feb. 3	Feb. 21	Y-106	133
1200848	Oct. 10, 1916		Feb. 3	Feb. 21	Y-106	133
1200886	Oct. 10, 1916		Feb. 3	Feb. 21	Y-106	131
1201850	Oct. 17, 1916		Feb. 3	Feb. 21	Y-106	133
1201968	Oct. 17, 1916		Feb. 3	Feb. 21	Y-106	133
1202260	Oct. 24, 1916		Feb. 3	Feb. 21	Y-106	133
1202282	Oct. 24, 1916		Feb. 3	Feb. 21	Y-106	133
1202995	Oct. 31, 1916		Feb. 3	Feb. 21	Y-106	133
1203069	Oct. 31, 1916		Feb. 3	Feb. 21	Y-106	133
1204639	Nov. 14, 1916		Feb. 3	Feb. 21	Y-106	133
1207706	Dec. 12, 1916		Feb. 3	Feb. 21	Y-106	133
1207707	Dec. 12, 1916		Feb. 3	Feb. 21	Y-106	133
1207762	Dec. 12, 1916		Feb. 3	Feb. 21	Y-106	133
1207802	Dec. 12, 1916		Feb. 3	Feb. 21	Y-106	133
1207968	Dec. 12, 1916		Feb. 3	Feb. 21	Y-106	133
1207981	Dec. 12, 1916		Feb. 3	Feb. 21	Y-106	133
1207982	Dec. 12, 1916		Feb. 3	Feb. 21	Y-106	133
1211393	Jan. 9, 1917		Feb. 3	Feb. 21	Y-106	133
1211394	Jan. 9, 1917		Feb. 3	Feb. 21	Y-106	133
1215334	Feb. 13, 1917		Feb. 3	Feb. 21	Y-106	133

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1215335	Feb. 13, 1917		Feb. 3	Feb. 21	Y-106	133
1215396	Feb. 13, 1917		Feb. 3	Feb. 21	Y-106	133
1216059	Feb. 13, 1917		Feb. 3	Feb. 21	Y-106	133
1216134	Feb. 13, 1917		Feb. 3	Feb. 21	Y-106	133
			1918.			
1216812	Feb. 20, 1917		Dec. 23	Jan. 6	E-106	94
			1919.			
			Feb. 23	Feb. 21	Y-106	133
1216921	Feb. 20, 1917		Feb. 3	Feb. 21	Y-106	133
1216933	Feb. 20, 1917		Feb. 3	Feb. 21	Y-106	133
1220248	Mar. 27, 1917		Feb. 3	Feb. 21	Y-106	133
1221382	Apr. 3, 1917		Feb. 3	Feb. 21	Y-106	133
1225755	May 15, 1917		Feb. 3	Feb. 21	Y-106	133
1232551	July 10, 1917		Feb. 3	Feb. 21	Y-106	133
1232552	July 10, 1917		Feb. 3	Feb. 21	Y-106	133
1232620	July 10, 1917		Feb. 3	Feb. 21	Y-106	133
1237405	Aug. 21, 1917		Feb. 3	Feb. 21	Y-106	133
1237828	Aug. 21, 1917		Feb. 3	Feb. 21	Y-106	133
1238930	Sept. 4, 1917		Feb. 3	Feb. 21	Y-106	133
1238932	Sept. 4, 1917		Feb. 3	Feb. 21	Y-106	133
1243382	Oct. 16, 1917		Feb. 3	Feb. 21	Y-106	133
1244580	Oct. 30, 1917		Feb. 3	Feb. 21	Y-106	133
1248888	Dec. 4, 1917		Feb. 3	Feb. 21	Y-106	133
1253252	Jan. 15, 1918		Feb. 3	Feb. 21	Y-106	133
1254364	Jan. 22, 1918		Feb. 3	Feb. 21	Y-106	133
1256032	Feb. 12, 1918		Feb. 3	Feb. 21	Y-106	133
1258529	Mar. 5, 1918		Feb. 3	Feb. 21	Y-106	133
1261900	Apr. 9, 1918		Feb. 3	Feb. 21	Y-106	133
1264604	Apr. 30, 1918		Feb. 3	Feb. 21	Y-106	133
1266896	May 21, 1918		Feb. 3	Feb. 21	Y-106	133
1271013	July 2, 1918		Feb. 3	Feb. 21	Y-106	133
1274503	Aug. 6, 1918		Feb. 3	Feb. 21	Y-106	133
1278229	Sept. 10, 1918		Feb. 3	Feb. 21	Y-106	133
1278580	Sept. 10, 1918		Feb. 3	Feb. 21	Y-106	133
1280648	Oct. 8, 1918		Feb. 3	Feb. 21	Y-106	133
1280650	Oct. 8, 1918		Feb. 3	Feb. 21	Y-106	133
1281494	Oct. 15, 1918		Feb. 3	Feb. 21	Y-106	133
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3559	Jan. 21, 1915		Feb. 3	Feb. 21	Y-106	133
10566	May 8, 1919		Feb. 3	Feb. 21	Y-106	133
10627	Feb. 25, 1915		Feb. 3	Feb. 21	Y-106	133
93882	Apr. 27, 1916		Feb. 3	Feb. 21	Y-106	133
118286	Sept. 2, 1916		Feb. 3	Feb. 21	Y-106	133
138122	Dec. 24, 1918		Feb. 3	Feb. 21	Y-106	133
165001	Nov. 30, 1918		Feb. 3	Feb. 21	Y-106	133
165000	Apr. 27, 1917		Feb. 3	Feb. 21	Y-106	133
192923	Sept. 24, 1917		Feb. 3	Feb. 21	Y-106	133
192924	Sept. 24, 1917		Feb. 3	Feb. 21	Y-106	133
192925	Sept. 24, 1917		Feb. 3	Feb. 21	Y-106	133
716442	Jan. 22, 1919		Feb. 3	Feb. 21	Y-106	133
720412	Sept. 14, 1912		Feb. 3	Feb. 21	Y-106	133
762246	Nov. 6, 1918		Feb. 3	Feb. 21	Y-106	133
791947	Feb. 2, 1919		Feb. 3	Feb. 21	Y-106	133
804744	Dec. 4, 1913		Feb. 3	Feb. 21	Y-106	133
818087	Feb. 14, 1914		Feb. 3	Feb. 21	Y-106	133
842953	June 4, 1914		Feb. 3	Feb. 21	Y-106	133
842954	June 4, 1914		Feb. 3	Feb. 21	Y-106	133
842956	June 4, 1914		Feb. 3	Feb. 21	Y-106	133
847324	Mar. 23, 1919		Feb. 3	Feb. 21	Y-106	133

Said instrument dated April 10, 1919, also enumerated the following patents:

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				Date of filing or recording.[1]	Book.	Page.
			1919.	1919.		
690804	Jan. 7, 1902	Salt of hexamethylentetramin and quinic acid and process of making same.	Feb. 25	Apr. 9	Z-106	358
691157	Jan. 14, 1902	Trimethyl hexahydrooxybenzylamin and process of making same.	Feb. 26	Apr. 9	L-106	419
692497	Feb. 4, 1902	Process of making acetl-cellulose.	Feb. 28	Mar. 24	Y-106	249
692656	Feb. 4, 1902	Acidyl derivative of unsymmetrical acetonalkamins and process of making same.	Feb. 25	Apr. 9	Z-106	358
693653	Feb. 18, 1902	Process of dyeing sulfur colors	Mar. 21	Mar. 26	W-106	426
693670	Feb. 18, 1902	Disazo wool dye and process of making same.	Feb. 26	Apr. 9	L-106	419
693941	Feb. 25, 1902	Manufacture of wool paper	Feb. 28	Mar. 24	K-106	367
694149	Feb. 25, 1902	Acidyl dialkylrhodamin and process of making same.	Feb. 26	Apr. 9	L-106	419
695238	Mar. 11, 1902	Orange-red dye and process of making same.	Feb. 26	Apr. 9	L-106	419
697730	Apr. 15, 1902	Isovaleramid derivative and process of making same.	Feb. 26	Apr. 9	L-106	419
697765	Apr. 15, 1902	Red cotton-dye and process of making same.	Mar. 9 Apr. 9	Mar. 26 Apr. 9	K-106 M-106	469 485
698390	Apr. 22, 1902	Method of making magnesium-peroxid compound.	Feb. 28	Mar. 21	K-106	284
698698	Apr. 29, 1902	Ignition material for matches	Feb. 26	Mar. 22	H-106	290
699422	May 6, 1902	Methylene citric acid and process of making same.	Feb. 25	Apr. 9	Z-106	358
699423	May 6, 1902	Dimethylene tartrate and method of making same.	Feb. 25	Apr. 9	Z-106	358
700631	May 20, 1902	Modified milk and process of obtaining same.	Feb. 26	Apr. 9	L-106	419
700670	May 20, 1902	Electrolytic reduction of nitro or other compounds.	Feb. 25	Mar. 22	Y-106	199
700671	May 20, 1902	Reduction of azo compounds	Feb. 24	Mar. 21	Q-106	250
701044	May 27, 1902	Process of making phenylamidoacetonitrile.	Feb. 26	Apr. 9	L-106	419
701051	May 27, 1902	Black sulfur dye and process of making same.	Feb. 26	Apr. 9	L-106	419
701604	June 3, 1902	Process of making cyanids	Feb. 27	Mar. 25	S-106	324
701605	June 3, 1902	Manufacture of colloidal gold	Feb. 23	Mar. 24	T-106	271
701606	June 3, 1902	Manufacture of colloidal silver	Feb. 23	Mar. 24	T-106	271
702357	June 10, 1902	Detonating composition	Feb. 28	Mar. 21	H-106	283
702730	June 17, 1902	Purifying raw indigo	Feb. 26	Apr. 9	L-106	419
703096	June 24, 1902	Process of preparing lithographic printing-plates.	Mar. 1	Mar. 21	G-106	283
703104	June 24, 1902	Chlorinated methyl-ether of menthol.	Mar. 1	Mar. 25	K-106	397
703341	June 24, 1902	Method of impregnating paper or pasteboard.	Feb. 28	Mar. 21	U-106	149
703806	July 1, 1902	Process of utilizing carboniferous colliery waste.	Mar. 1	Mar. 21	H-106	273
704798	July 15, 1902	Blue anthraquinone dye and process of making same.	Feb. 26	Apr. 9	L-106	419
704804	July 15, 1902	Process of making indoxyl, etc.	Feb. 26	Apr. 9	L-106	419
704825	July 15, 1902	Red azo dye	Feb. 25	Mar. 22	H-106	301
704826	July 15, 1902	Red azo dye	Feb. 26	Mar. 22	H-106	301
705545	July 22, 1902	Cineol arsenate and process of making same.	Feb. 26 Apr. 8	Mar. 24 Apr. 9	W-106 Y-106	414 488
705667	July 29, 1902	Process of solidifying formaldehyde.	Feb. 25	Mar. 22	K-106	300
705748	July 29, 1902	Manufacture of cellulose products.	Feb. 28	Mar. 22	X-106	317
706411	Aug. 5, 1902	Process of extracting ellagic acid	Feb. 26	Mar. 24	Y-106	278

[1]Date of service on Commissioner of Patents of the United States and of filing for record in the U. S. Patent Office.

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			1919.	1919.		
706821	Aug. 12, 1902	Process of making bromindigo	Feb. 26	Apr. 9	L-106	419
707270	Aug. 19, 1902	Process of making camphene	Feb. 25	Apr. 9	Z-106	358
707271	Aug. 19, 1902	Process of making camphene	Feb. 25	Apr. 9	Z-106	358
707812	Aug. 26, 1902	Alkoxy-caffein and process of making same.	Feb. 25	Mar. 22	Y-106	199
707813	Aug. 26, 1902	Triphenyl-methane dye and process of making same.	Feb. 25	Mar. 22	Y-106	199
708069	Sept. 2, 1902	Process of staining woods	Feb. 28	Mar. 22	T-106	260
708330	Sept. 2, 1902	Process of obtaining food extracts.	Feb. 28	Mar. 22	R-106	290
708429	Sept. 2, 1902	Process of printing with sulfur dyes.	Feb. 26	Mar. 22	H-106	529
708511	Sept. 9, 1902	Paramethyl-amidophenylglyoxylic acid and process of making same.	Feb. 25	Mar. 22	Y-106	199
708512	Sept. 9, 1902	Diacetyl - diamin and process of making same.	Feb. 25	Mar. 22	Y-106	199
708513	Sept. 9, 1902	Thioxanthin and process of making same.	Feb. 25	Mar. 22	Y-106	199
708823	Sept. 9, 1902	Process of preparing and treating rubber-coated materials.	Feb. 27	Mar. 25	P-106	372
709321	Sept. 16, 1902	Process of separating sulfonic acids.	Feb. 28	Mar. 22	X-106	339
710040	Sept. 30, 1902	Capsule for medicines	Feb. 26	Mar. 22	R-106	296
710233	Sept. 30, 1902	Printing color for lithographic or metallographic printing.	Feb. 28	Mar. 25	T-106	314
710493	Oct. 7, 1902	Production of the metals of the alkalies.	Feb. 26	Mar. 22	J-106	269
710648	Oct. 7, 1902	Process of making acetyl chlorid.	Feb. 28	Mar. 25	U-106	304
710766	Oct. 7, 1902	Blue-sulfur dye and process of making same.	Feb. 26	Apr. 9	L-106	419
710800	Oct. 7, 1902	Process of dyeing indigo	Feb. 26	Apr. 9	L-106	419
710819	Oct. 7, 1902	Manufacture of filaments from cellulose solutions.	Feb. 28	Mar. 25	V-106	376
711310	Oct. 14, 1902	Polyamidoanthraquinone sulfoacid and process of making same.	Feb. 26	Apr. 9	L-106	419
711372	Oct. 21, 1902	Oxalic-acid ester of paracresol and process of making same.	Feb. 28	Mar. 21	G-106	250
712246	Oct. 28, 1902	Process of making formylmethylanthranilic acid.	Feb. 26	Apr. 9	L-106	419
712274	Oct. 28, 1902	Process of making milk extract	Feb. 26	Mar. 22	J-106	249
712421	Oct. 28, 1902	Yellow to red acridin dye and process of making same.	Feb. 26	Apr. 9	L-106	419
712798	Nov. 4, 1902	Process of making indoxyl	Feb. 26	Apr. 9	L-106	419
712891	Nov. 4, 1902	Apparatus for freeing ammonia from gas liquor.	Feb. 25	Mar. 22	Y-106	198
713190	Nov. 11, 1902	Manufacture of insulating or protective compounds.	Feb. 23	Mar. 22	P-106	305
713432	Nov. 11, 1902	Process of making polyamidoanthraquinone-sulfoacids.	Feb. 26	Apr. 9	L-106	419
713474	Nov. 11, 1902	Sensitized material and process of making same.	Feb. 28	Mar. 24	Q-106	340
713999	Nov. 18, 1902	Process of manufacturing artificial horsehair.	Feb. 28	Mar. 25	Q-106	347
714000	Nov. 18, 1902	Process of making indoxyl	Feb. 26	Apr. 9	L-106	419
714347	Nov. 25, 1902	Process of making oxalates	Feb. 28	Mar. 22	S-106	287
714428	Nov. 25, 1902	Process of reducing aromatic nitro compounds.	Feb. 28	Mar 25	U-106	300
714454	Nov. 25, 1902	Process of making acids of the fatty-acid series.	Feb. 28	Mar. 25	I-106	372
714578	Nov. 25, 1902	Process of producing peat briquets.	Feb. 28	Mar. 24	Y-106	268
714852	Dec. 2, 1902	Monoazo dye and process of making same.	Mar. 22	Mar. 26	T-106	362
714883	Dec. 2, 1902	Orange-yellow azo dye and process of making same.	Feb. 26	Apr. 9	L-106	419
714931	Dec. 2, 1902	Hydrobenzaldehyde and process of making same.	Feb. 26	Apr. 9	L-106	419
715462	Dec. 9, 1902	Method of manufacturing molded elastic goods.	Feb. 28	Mar. 26	L-106	327
715748	Dec. 16, 1902	Process of making acetic acid	Feb. 25	Mar. 21	Z-106	134
715898	Dec. 16, 1902	Process of making ionone	Mar. 1	Mar. 24	X-106	404

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				Date of filing or recording.	Book.	Page.
			1919.	1919.		
716008	Dec. 16, 1902	Working zinc and substances containing silicic acid in electric furnaces.	Feb. 25	Mar. 22	U-106	195
716306	Dec. 16, 1902	Process of electrolytically preparing metals and alloys for lithographic purposes.	Feb. 28	Mar. 21	G-106	282
716776	Dec. 23, 1902	Salt of yohimbine	Feb. 25	Mar. 22	Y-106	245
717550	Jan. 6, 1903	Process of making black polyazo dyes.	Feb. 26	Mar. 22	H-106	301
717654	Jan. 6, 1903	Gas-analysis apparatus	Feb. 25	Mar. 21	I-106	237
718249	Jan. 13, 1903	Electrolytic apparatus	Feb. 26	Mar. 22	I-106	290
718372	Jan. 13, 1903	Silver bromid gelatin and process of making same.	Mar. 1	Mar. 21	H-106	208
718335	Jan. 13, 1903	Process of cementation	Feb. 28	Mar. 22	Y-106	223
718397	Jan. 13, 1903	Filter press	Feb. 28	Mar. 22	Y-106	241
719014	Jan. 27, 1903	Process of purifying fats	Feb. 26	Mar. 24	U-106	237
719074	Jan. 27, 1903	Metal preserving and cleansing compound.	Feb. 25	Mar. 21	Y-106	172
720157	Feb. 10, 1903	Process of making decolorized tannin extracts.	Feb. 26	Mar. 22	Z-106	189
720186	Feb. 10, 1903	Apparatus for electro-endosmotically freeing materials from fluids.	Feb. 28	Mar. 21	S-106	337
720402	Feb. 10, 1903	Method of producing cyanogen compounds.	Feb. 24	Mar. 22	G-106	293
720627	Feb. 17, 1903	Process of producing linoleum having patterns resembling wood or fabric.	Feb. 28	Mar. 25	X-106	435
720848	Feb. 17, 1903	Process of producing artificial stone	Feb. 28	Mar. 25	X-106	430
720920	Feb. 17, 1903	Alkylated auramins and process of making same.	Feb. 26	Apr. 9	L-106	419
721171	Feb. 24, 1903	Wrapping material for preventing tarnishing of metal articles.	Feb. 28	Mar. 24	V-106	313
721282	Feb. 24, 1903	Process of treating molten iron	Feb. 28	Mar. 21	Q-106	257
721638	Feb. 24, 1903	Art of producing and refining metals, metalloids, and alloys.	Feb. 28	Mar. 22	X-106	331
721814	Mar. 3, 1903	Method of producing alloys of aluminum.	Feb. 27	Mar. 21	I-106	263
721852	Mar. 3, 1903	Process of making glue	Feb. 25	Mar. 22	Y-106	210
721961	Mar. 3, 1903	Process of halogenizing organic fluids.	Feb. 28	Mar. 24	W-106	405
722506	Mar. 10, 1903	Sulfonic-acid salt and process of making same.	Feb. 28	Mar. 22	X-106	330
722507	Mar. 10, 1903	Sulfonic-acid salts of alkaline earthy metals and metals proper and process of making same.	Feb. 28	Mar. 22	X-106	339
722626	Mar. 10, 1903	Process of manufacturing plastic objects from peat.	Feb. 28	Mar. 21	T-106	218
722632	Mar. 10, 1903	Filter, Frita Rothe	Mar. 1	Mar. 22	W-106	365
722869	Mar. 17, 1903	Process of bleaching cane	Feb. 28	Mar. 24	T-106	309
723007	Mar. 17, 1903	Reducing indigo	Feb. 26	Apr. 9	L-106	419
723319	Mar. 24, 1903	Manufacture of substance for filling hollow brake beams.	Feb. 28	Mar. 21	S-106	228
723448	Mar. 24, 1903	Brown sulfur dye and process of making same.	Feb. 23	Mar. 24	T-106	271
723594	Mar. 24, 1903	Process of producing steel	Feb. 28	Mar. 24	Q-106	309
723928	Mar. 31, 1903	Electro-endosmotic process of extracting sugar.	Feb. 28	Mar. 21	S-106	237
724631	Apr. 7, 1903	Process of dyeing with sulfur dyes.	Feb. 28	Mar. 22	H-106	313
724743	Apr. 7, 1903	Red azo dye and process of making same.	Feb. 26	Apr. 9	L-106	419
724893	Apr. 7, 1903	Violet azo dye and method of making same.	Feb. 28 Mar. 1	Mar. 25 Mar. 21	P-106 P-106	381 231
724894	Apr. 7, 1903	Red to violet dyestuff and method of making same.	Feb. 28	Mar. 25	P-106	381
725361	Apr. 14, 1903	Method of making nitrogen compounds.	Feb. 26	Mar. 21	M-106	381
725533	Apr. 14, 1903	Apparatus for analysing gases	Feb. 25	Mar. 21	I-106	337

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			1919.	1919.		
725890	Apr. 21, 1903	Process of making camphene	Feb. 25	Apr. 9	Z-106	358
725895	Apr. 21, 1903	Process of extracting gold	Feb. 25	Mar. 24	T-106	290
726126	Apr. 21, 1903	Mercury salts of ethylenediamin bases and process of making same.	Feb. 25	Apr. 9	Z-106	358
726688	Apr. 28, 1903	Indigo mixture and process of making same.	Feb. 26	Apr. 9	L-106	419
727024	May 5, 1903	Manufacture of camphidon	Feb. 25	Mar. 22	Y-106	199
727025	May 5, 1903	Art of producing hydroxylamin	Feb. 25	Mar. 22	Y-106	199
727026	May 5, 1903	Camphidin and method of preparing same.	Feb. 25	Mar. 22	Y-106	199
727292	May 5, 1903	Process of dyeing and printing in anilin black.	Feb. 26	Mar. 22	I-106	283
727389	May 5, 1903	Blue dye and process of making same.	Feb. 26	Apr. 9	L-106	419
727758	May 12, 1903	Igniting composition and method of making same.	Feb. 26	Mar. 22	J-106	289
727792	May 12, 1903	Production of permanganates	Feb. 26	Mar. 22	R-106	306
727798	May 12, 1903	Process of making tanning extracts	Feb. 26	Mar. 24	L-106	260
728021	May 12, 1903	Black azo dye and process of making same.	Feb. 26	Apr. 9	M-106	485
728477	May 19, 1903	Blue diazo dye	Feb. 28	Mar. 25	P-106	361
728623	May 19, 1903	Blue sulfur dye and process of making same.	Feb. 26	Apr. 9	L-106	419
728778	May 19, 1903	Production of chromium compounds and alkalies.	Feb. 26	Mar. 22	J-106	289
728895	May 26, 1903	Automatic feeder for vinegar generators.	Feb. 26	Mar. 22	S-106	267
728997	May 26, 1903	Process of making linoleum products.	Feb. 28	Mar. 25	X-106	435
729217	May 26, 1903	Process of making brom indigo	Feb. 28	Mar. 22	U-106	199
729502	May 26, 1903	Oxidising organic compounds	Feb. 26	Apr. 9	L-106	419
729574	June 2, 1903	Apparatus for bleaching textile fabrics, etc.	Feb. 26	Mar. 22	X-106	329
729643	June 2, 1903	Method of making sulfuric acid	Feb. 28	Mar. 24	K-106	362
729749	June 2, 1903	Artificial hair	Feb. 28	Mar. 22	X-106	317
729874	June 2, 1903	Olive-green sulfur dye and process of making same.	Feb. 28	Mar. 25	P-106	361
729876	June 2, 1903	Process of making substitution products of aromatic amins.	Feb. 26	Mar. 24	J-106	297
729990	June 2, 1903	Celluloid compound and process of making same.	Mar. 1	Mar. 24	K-106	374
730630	June 9, 1903	Manufacture of white cement	Feb. 28	Mar. 22	S-106	268
730979	June 16, 1903	Manufacture of alkali metals	Feb. 26	Mar. 22	J-106	289
731082	June 16, 1903	Process of preparing metals of alloys for lithographic printing.	Mar. 1	Mar. 21	G-106	283
731670	June 23, 1903	Yellow monoazo dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
731906	June 23, 1903	Process of producing metalline films.	Feb. 28	Mar. 24	T-106	286
732189	June 30, 1903	Solution for use in the production of photographic papers, plates, etc.	Feb. 28	Mar. 24	Z-106	213
732236	June 30, 1903	Composition of painting cement	Feb. 28	Mar. 21	S-106	241
733000	July 7, 1903	Process of obtaining sulfid of zinc from copper slag.	Feb. 28	Mar. 21	Q-106	242
733110	July 7, 1903	Celluloid of pyroxylin compound and process of making same.	Mar. 1	Mar. 24	K-106	374
733200	July 7, 1903	Extracting apparatus	Feb. 26	Mar. 24	Y-106	275
733280	July 7, 1903	Red azo dye and process of making same.	Feb. 26	Apr. 9	L-106	419
733578	July 14, 1903	Process of smelting metals and metal compounds.	Feb. 26	Mar. 22	R-106	267
733590	July 14, 1903	Process of obtaining metal sulfates from mattes.	Feb. 27	Mar. 24	T-106	305
733683	July 14, 1903	Filtering press	Feb. 28	Mar. 24	L-106	267
734325	July 21, 1903	Green anthraquinone dye and process of making same.	Mar. 22	Mar. 26	T-106	382

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			1919.	1919.		
734333	July 21, 1903	Mercerizing apparatus	Feb. 18	Mar. 24	Z-106	203
734352	July 21, 1903	Method of producing mussel extracts.	Mar. 1	Mar. 24	K-106	358
734393	July 21, 1903	Pyrometer	Mar. 1	Mar. 21	I-106	238
734454	July 21, 1903	Process of making photographic color filters.	Mar. 1	Mar. 21	U-106	136
734457	July 21, 1903	Process of making bricks or bodies for refractory linings or other uses.	Feb. 26	Mar. 24	T-106	277
734458	July 21, 1903	Process of making bricks or bodies for refractory linings or other uses and the product thereof.	Feb. 26	Mar. 24	T-106	277
734866	July 28, 1903	Blue anthraquinone dye and process of making same.	Mar. 22	Mar. 26	T-106	363
734889	July 28, 1903	Tanning extract and process of making same.	Feb. 26	Mar. 22	Z-106	109
734950	July 28, 1903	Manufacture of peroxid of lead	Feb. 26	Mar. 22	J-106	260
735098	Aug. 4, 1903	Process of obtaining lead or other metals from ores or mattes.	Feb. 28	Mar. 26	X-106	451
735538	Aug. 4, 1903	Artificial wax	Feb. 26	Mar. 21	W-106	330
735599	Aug. 4, 1903	Process of mordanting wool, etc.	Feb. 28	Mar. 25	U-106	240
736007	Aug. 11, 1903	Method of decomposing tallow, etc.	Feb. 28	Mar. 24	R-106	341
736204	Aug. 11, 1903	Reduction of nitro and azo compounds.	Feb. 25	Mar. 22	Y-106	199
736205	Aug. 11, 1903	Reduction of nitro compounds	Feb. 25	Mar. 22	Y-106	199
736206	Aug. 11, 1903	Reduction of aromatic nitro compounds.	Feb. 25	Mar. 22	Y-106	199
736250	Aug. 11, 1903	Process of making hemoglobin preparations.	Feb. 26	Mar. 22	X-106	331
736380	Aug. 18, 1903	Blue sulfur dye and process of making same.	Feb. 26	Mar. 22	H-106	301
736381	Aug. 18, 1903	Process of purifying graphite	Feb. 26	Mar. 24	S-106	298
736403	Aug. 18, 1903	Indigo-blue sulfur dye and process of making same.	Feb. 26	Mar. 22	H-106	301
736565	Aug. 18, 1903	Process of sizing objects by electrolysis.	Feb. 28	Mar. 24	J-106	313
736676	Aug. 18, 1903	Machinery for manufacturing patterned linoleum.	Feb. 28	Mar. 21	U-106	140
736730	Aug. 18, 1903	Process of rendering the phosphoric acid in natural phosphates soluble in citric acid.	Feb. 26	Mar. 24	L-106	264
736812	Aug. 18, 1903	Solder	Feb. 28	Mar. 24	Y-106	262
736959	Aug. 25, 1903	Process of obtaining pure pyroligneous acid.	Feb. 25	Mar. 22	H-106	308
737249	Aug. 25, 1903	Process of converting solidified oils into a soluble oil.	Feb. 28	Mar. 21	M-106	345
737882	Sept. 1, 1903	Process of electrolytically preparing lithographic plates.	Feb. 28	Mar. 25	H-106	390
737967	Sept. 1, 1903	Violet-red azo dye and process for making same.	Feb. 26	Apr. 9	L-106	419
738027	Sept. 1, 1903	Yellow sulfur dye and process of making same.	Feb. 26	Mar. 22	H-106	301
738404	Sept. 8, 1903	Process of reducing nitro compounds.	Feb. 25	Mar. 22	Y-106	199
738461	Sept. 8, 1903	Method of preparing oils for medicinal use.	Feb. 26	Mar. 21	W-106	341
738709	Sept. 8, 1903	Process of making glue and gelatin.	Mar. 1	Mar. 22	S-106	280
738905	Sept. 15, 1903	Process of extracting tannin	Feb. 26	Mar. 24	L-106	260
739069	Sept. 15, 1903	Red mordant azo dye	Feb. 26	Apr. 9	L-106	419
739117	Sept. 15, 1903	Yellow acridinium dye and process of making same.	Feb. 26	Apr. 9	L-106	419
739118	Sept. 15, 1903	Monoazo dye and process of making same.	Feb. 26	Apr. 9	L-106	419
739835	Sept. 29, 1903	Art of making artificial stone	Feb. 25	Mar. 21	H-106	273
738820	Sept. 29, 1903	Apparatus for treating gases				
740283	Sept. 29, 1903	Process of making tannin extracts.	Feb. 26	Mar. 22	Z-106	109
740355	Sept. 29, 1903	Detonating composition	Feb. 28 Apr. 19	Mar. 21 June 6	H-106 A-108	284 165

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			1919.	1919.		
740424	Oct. 6, 1903	Process of producing compounds for disinfecting purposes.	Feb. 26	Mar. 24	S-106	305
740767	Oct. 6, 1903	Mordant disazo dye and process of making same.	Feb. 28	Mar. 25	P-106	361
740768	Oct. 6, 1903	Black mordant dye and process of making same.	Feb. 28	Mar. 25	P-106	361
741030	Oct. 13, 1903	Green sulfur dye and process of making same.	Feb. 26	Mar. 22	H-106	301
741188	Oct. 13, 1903	Apparatus for bleaching, etc.	Feb. 28	Mar. 22	V-106	294
741430	Oct. 13, 1903	Roasting furnace with a swimming hearth.	Feb. 28	Mar. 22	H-106	327
741552	Oct. 13, 1903	Process of making azo dye	Feb. 26	Apr. 9	L-106	419
741585	Oct. 13, 1903	Process of producing glycerin and acidylated derivatives of aromatic bases and the product thereof.	Feb. 27	Mar. 22	J-106	262
741615	Oct. 20, 1903	Process of making acetic acid	Feb. 28	Mar. 24	H-106	334
741726	Oct. 20, 1903	Process of making lampblack	Feb. 28	Mar. 21	S-106	240
741840	Oct. 20, 1903	Process of extracting the heavy metals by the use of chlorin.	Feb. 28	Mar. 22	Q-106	290
742245	Oct. 27, 1903	Method of producing from amber, ambroid, or the like, in mass, cigarette holders, pipe stems, etc.	Feb. 28	Mar. 21	G-106	272
742469	Oct. 27, 1903	Process of making soluble starch	Mar. 1	Mar. 21	Y-106	184
742530	Oct. 27, 1903	Process of printing black	Feb. 26	Apr. 9	L-106	419
742532	Oct. 27, 1903	Cotarnin phthalate and method of making same.	Feb. 26	Mar. 22	V-106	292
742797	Oct. 27, 1903	Electrolytic reduction of organic compounds by means of titanium compounds.	Feb. 26	Apr. 9	L-106	419
742907	Nov. 3, 1903	Manufacture of electrical insulating material.	Feb. 28	Mar. 24	Z-106	214
743071	Nov. 3, 1903	Monoazo dye and process of making same.	Feb. 26	Mar. 22	H-106	301
743305	Nov. 3, 1903	Trimethyl - cyclohexenonicarbo - xylic-acid ester and process of making same.	Feb. 26	Apr. 9	L-106	419
743566	Nov. 10, 1903	Alloy	Feb. 28	Mar. 25	T-106	331
743668	Nov. 10, 1903	Extracting chromium from chrome-iron ore.	Feb. 26	Mar. 22	J-106	269
743986	Nov. 10, 1903	Methylene-hippuric acid and process of making same.	Feb. 25	Apr. 9	Z-106	358
744208	Nov. 17, 1903	Composition for hardening steel	Feb. 28	Mar. 24	R-106	333
745097	Nov. 24, 1903	Process of preparing fat-free casein.	Feb. 26	Mar. 22	J-106	249
745333	Dec. 1, 1903	Serum and process of preparing same.	Feb. 28	Mar. 22	U-106	198
745675	Dec. 1, 1903	Process of making glucose	Feb. 28	Mar. 22	U-106	215
746366	Dec. 8, 1903	Process of manufacturing fuel blocks or briquets.	Mar. 1	Mar. 24	V-106	335
746638	Dec. 8, 1903	Fatty substances and process of making same.	Feb. 27	Mar. 22	J-106	262
746909	Dec. 15, 1903	Process of producing iridescent scales.	Feb. 28	Mar. 21	L-106	206
747629	Dec. 22, 1903	Process of purifying pinene hydrochlorid.	Feb. 28	Mar. 24	V-106	333
748101	Dec. 29, 1903	Aromatic esters and process of making same.	Feb. 28	Mar. 25	W-106	442
748375	Dec. 29, 1903	Blue anthraquinone dye and process of making same.	Feb. 26	Apr. 9	L-106	419
748511	Dec. 29, 1903	Fat-like substance and process of making same.	Feb. 27	Mar. 22	J-106	262
748711	Jan. 5, 1904	Process of preparing alimentary yeast extracts.	Mar. 1	Mar. 22	J-106	246
748739	Jan. 5, 1904	Process of making briquets	Feb. 28	Mar. 21	L-106	203
748791	Jan. 5, 1904	Process of making oxalates	Feb. 27	Mar. 24	Z-106	238
749297	Jan. 12, 1904	Process of preparing horn-like material from raw skins.	Feb. 28	Mar. 21	J-106	229
749343	Jan. 12, 1904	Process of testing butter	Feb 28	Mar. 25	L-106	320

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			1919.	1919.		
750371	Jan. 26, 1904	Production of substances resembling leather.	Feb. 28	Mar. 24	Y-106	281
750592	Jan. 26, 1904	Art of making artificial silk	Feb. 28	Mar. 25	V-106	378
750575	Jan. 26, 1904	Process of manufacturing varnish substitutes.	Feb. 25	Mar. 21	T-106	205
750601	Jan. 26, 1904	Apparatus for dyeing, etc.	Feb. 26	Mar. 22	I-106	283
751080	Feb. 2, 1904	Manufacture of fireproof bricks or material.	Feb. 28	Mar. 21	M-106	387
751179	Feb. 2, 1904	Process of electrolytically purifying juices.	Feb. 28	Mar. 24	Y-106	290
751216	Feb. 2, 1904	Acidyl derivatives of rufigallic-acid ethers and process of making same.	Feb. 25	Apr. 9	Z-106	338
751605	Feb. 9, 1904	Priming composition	Feb. 25	Mar. 21	Z-106	123
752054	Feb. 16, 1904	Process of treating iron and steel.	Mar. 1	Mar. 24	T-106	270
754474	Mar. 15, 1904	Process of making nitrogen compounds from atmospheric nitrogen.	Feb. 28	Mar. 22	L-106	232
754584	Mar. 15, 1904	Delivering apparatus for yarn-skeins.	Feb. 28	Mar. 24	I-106	339
754643	Mar. 15, 1904	Process of separating iron pyrites from zinc blende.	Feb. 25	Mar. 22	Z-106	182
754768	Mar. 15, 1904	Process of making anthraquinone dyes.	Mar. 22	Mar. 26	T-106	362
755050	Mar. 22, 1904	Apparatus for dyeing, etc.	Feb. 28	Mar. 21	U-106	170
755144	Mar. 22, 1904	Method of steeping grain	Feb. 28	Mar. 24	L-106	267
755225	Mar. 22, 1904	Process of making printing plates.	Mar. 1	Mar. 21	U-106	148
755372	Mar. 22, 1904	Manufacturing ore bricks	Feb. 28	Mar. 24	R-106	332
755479	Mar. 22, 1904	Manufacture of starch	Feb. 28	Mar. 24	I-106	329
755765	Mar. 29, 1904	Machine for mercerizing yarn	Feb. 26	Mar. 24	Y-106	265
755993	Mar. 29, 1904	Process of dyeing wood	Feb. 25	Mar. 21	Z-106	121
757059	Apr. 12, 1904	Furnace for producing zinc	Feb. 28	Mar. 21	U-106	177
757109	Apr. 12, 1904	Blue-red lake and process of making same.	Feb. 26	Apr. 9	L-106	419
757136	Apr. 12, 1904	Oxidizing organic compounds	Feb. 26	Apr. 9	L-106	419
757328	Apr. 12, 1904	Art of preparing xanthin derivatives.	Feb. 25	Mar. 22	Y-106	199
757329	Apr. 12, 1904	Process of making xanthin derivatives.	Feb. 25	Mar. 22	Y-106	199
757330	Apr. 12, 1904	Alkoxy-caffein and process of making same.	Feb. 25	Mar. 22	Y-106	199
757337	Apr. 12, 1904	Process of making adhesives	Mar. 18	Mar. 24	K-106	380
757361	Apr. 12, 1904	Process of rendering leather durable and waterproof.	Feb. 28	Mar. 21	G-106	280
757370	Apr. 12, 1904	Process of making monobensoyl arbutin.	Feb. 28	Mar. 22	H-106	310
757658	Apr. 19, 1904	Process of making glue and gelatin from bones.	Feb. 26	Mar. 24	J-106	252
757757	Apr. 19, 1904	Apparatus for operating on finely divided fluids or solid materials.	Feb. 27	Mar. 22	J-106	265
758086	Apr. 26, 1904	Method of producing platina copy paper.	Feb. 28	Mar. 24	L-106	281
758312	Apr. 26, 1904	Photographic developing paper	Feb. 25	Apr. 9	Z-106	338
758335	Apr. 26, 1904	Celluloid compound	Feb. 26	Apr. 9	L-106	419
758450	Apr. 26, 1904	Process of preparing highly diluted solutions.	Feb. 28	Mar. 21	J-106	230
758775	May 3, 1904	Apparatus for the treatment of gases.	Feb. 28	Mar. 22	T-106	256
759208	May 3, 1904	Process of making an insecticide	Feb. 28	Mar. 21	I-106	251
759413	May 10, 1904	Process for the manufacture of combs from celluloid.	Feb. 25	Mar. 22	S-106	250
760018	May 17, 1904	Process of making medicated soaps.	Feb. 28	Mar. 24	G-106	336
760263	May 17, 1904	Regenerative gas furnace	Mar. 1	Mar. 21	G-106	269
760319	May 17, 1904	Process of making compounds of titanic and lactic acids.	Feb. 25	Mar. 22	L-106	223
760541	May 24, 1904	Substitute for shellac	Feb. 27	Mar. 24	U-106	253
760561	May 24, 1904	Process of manufacturing hard porous electrodes for batteries.	Feb. 28	Mar. 21	Q-106	274

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			1919.	1919.		
761237	May 31, 1904	Method of causing the germination of grain.	Feb. 28	Mar. 24	L-106	267
761260	May 31, 1904	Compound of formaldehyde	Feb. 25	Apr. 9	Z-106	358
761284	May 31, 1904	Reduction of nitro compounds	Feb. 25	Mar. 22	Y-106	199
761412	May 31, 1904	Organic acid from beet-root molasses and process of making same.	Feb. 28	Mar. 25	U-106	289
761939	June 7, 1904	Process of making watery solutions of mineral and rosin oils.	Feb. 26	Mar. 21	T-106	193
761998	June 7, 1904	Alkyl ester of 3-4 diamidobenzoic acid and process of making same.	Feb. 26	Apr. 9	L-106	419
762032	June 7, 1904	Process of extracting juice from dried licorice root.	Feb. 26	Mar. 24	Q-106	305
762765	June 14, 1904	Homologues of isoionone and process of making same.	Mar. 1	Mar. 24	X-106	404
763003	June 21, 1904	Saponin and process of making same.	Feb. 26 Apr. 8	Mar. 24 Apr. 9	W-106 V-106	414 488
763103	June 21, 1904	Blue sulfur dye and process of making same.	Feb. 26	Apr. 9	L-106	419
763756	June 28, 1904	Process of reacting on nitramins with formaldehyde and a product thereof.	Feb. 26	Apr. 9	L-106	419
764044	July 5, 1904	Process of smelting and reducing metals.	Feb. 25	Mar. 22	U-106	189
764251	July 5, 1904	Process of producing nitrate of ammonium.	Feb. 18	Mar. 24	K-106	355
764453	July 5, 1904	Process of manufacturing cement.	Feb. 28	Mar. 24	I-106	321
764733	July 12, 1904	Black sulfur dye and process of making same.	Feb. 26	Mar. 24	P-106	336
764734	July 12, 1904	Direct cotton sulfur dye and process of making same.	Feb. 26	Mar. 24	P-106	336
764735	July 12, 1904	Process of making sulfur dyes stable.	Feb. 26	Mar. 24	P-106	336
764776	July 12, 1904	Process of nitrating fibrous matter.	Feb. 28	Mar. 21	S-106	238
764966	July 12, 1904	Apparatus for dyeing	Feb. 28	Mar. 22	H-106	315
765291	July 19, 1904	Process of preparing compositions for sulfur baths.	Feb. 26	Mar. 22	L-106	230
765996	July 26, 1904	Manufacture of brominated indigo.	Feb 26	Apr. 9	L-106	419
766184	July 26, 1904	Process of preparing a composition for sulfur baths.	Feb. 26	Mar. 22	L-106	230
766540	Aug. 2, 1904	Orange dye and process of making same.	Feb. 26	Apr. 9	L-106	419
766893	Aug. 9, 1904	Process of manufacturing artificial marble.	Feb. 18	Mar. 25	R-106	361
766898	Aug. 9, 1904	Horizontal coke oven	Feb. 28	Mar. 25	J-106	327
766955	Aug. 9, 1904	Filter plant	Feb. 28	Mar. 24	S-106	317
767069	Aug. 9, 1904	Dark brown wool dye	Feb. 28	Mar. 25	P-106	361
767070	Aug. 9, 1904	Brown mordant dye	Feb. 28	Mar. 25	P-106	361
767291	Aug. 9, 1904	Process of making odoriferous compounds.	Feb. 26	Mar. 24	R-106	321
767335	Aug. 9, 1904	Denitrating plant	Feb. 26	Mar. 24	Q-106	308
767352	Aug. 9, 1904	Xanthin derivative and process of making same.	Feb. 25	Mar. 22	Y-106	199
767353	Aug. 9, 1904	Art of making xanthin	Feb. 25	Mar. 22	Y-106	199
767354	Aug. 9, 1904	Art of making xanthin	Feb. 25	Mar. 22	Y-106	199
767355	Aug. 9, 1904	Art of making xanthin	Feb. 25	Mar. 22	Y-106	199
767563	Aug. 16, 1904	Bleaching and dyeing apparatus	Feb. 26	Mar. 22	G-106	313
767815	Aug. 16, 1904	Photographic developer	Feb. 26	Apr. 9	L-106	419
767840	Aug. 16, 1904	Regenerative gas reheating furnace.	Mar. 1	Mar. 21	G-106	269
768389	Aug. 23, 1904	Cyclogeraniolidenacetone and process of making same.	Feb. 26	Apr. 9	L-106	419
768398	Aug. 23, 1904	Pyrazolone compound and process of making same.	Feb. 26	Apr. 9	L-106	419
768485	Aug. 23, 1904	Glycollic acid anilid-orthocarboxylic acid and process of making same.	Feb. 26	Apr. 9	L-106	419
768512	Aug. 23, 1904	Explosive compound	Feb. 26	Mar. 22	I-106	287
768533	Aug. 23, 1904	Process of making theophylline	Feb. 25	Mar. 22	Y-106	199

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
768744	Aug. 30, 1904	Polychoral and process of making same.	Feb. 26	Mar. 24	R-106	312
768807	Aug. 30, 1904	Gas-mixing device for gas engines.	Mar. 1	Mar. 24	H-106	351
768886	Aug. 30, 1904	Soluble compound of iron and arsenic and process of making same	Mar. 28	Mar. 21	G-106	273
769003	Aug. 30, 1904	Manufacture of electrodes of arc lamps.	Mar. 1	Mar. 24	X-106	322
769061	Aug. 30, 1904	Process of making soluble starch	Feb. 28	Mar. 21	H-106	277
769143	Sept. 6, 1904	Filter	Feb. 28	Mar. 21	Z-106	132
769164	Sept. 6, 1904	Apparatus for producing pyroacetic spirit.	Feb. 28	Mar. 24	V-106	325
770046	Sept. 13, 1904	Explosive	Feb. 28	Mar. 21	H-106	283
			Apr. 19	June 6	A-108	188
770047	Sept. 13, 1904	Explosive	Feb. 28	Mar. 21	H-106	283
			Apr. 19	June 6	A-108	185
770389	Sept. 20, 1904	Manufacture of aluminum	Feb. 28	Mar. 24	H-106	367
770430	Sept. 20, 1904	Red lake	Feb. 26	Mar. 22	H-106	301
770533	Sept. 20, 1904	Reproducing pictures or the like	Feb. 28	Mar. 24	V-106	340
770534	Sept. 20, 1904	Developing catalytic pictures	Feb. 28	Mar. 24	V-106	340
770643	Sept. 20, 1904	Process of coloring natural crystalline stones.	Feb. 26	Mar. 22	Z-106	170
770940	Sept. 27, 1904	Process of making camphor	Feb. 25	Apr. 9	Z-106	358
771031	Sept. 27, 1904	Ammonia-water apparatus	Feb. 25	Mar. 22	Y-106	198
771062	Sept. 27, 1904	Process of manufacturing artificial stone from magnesite.	Feb. 28	Mar. 21	U-106	158
771183	Sept. 27, 1904	Process of manufacturing material designed for the production of cement.	Feb. 27	Mar. 25	Y-106	309
771184	Sept. 27, 1904	Process of manufacturing vitreous cement.	Feb. 27	Mar. 25	Y-106	309
772390	Oct. 18, 1904	Saturating apparatus for recovering ammonium sulfate.	Mar. 1	Mar. 24	K-106	371
772717	Oct. 18, 1904	Apparatus for removing water from peat.	Feb. 26	Mar. 24	Q-106	330
772891	Oct. 18, 1904	Process of removing water from peat.	Feb. 26	Mar. 24	Q-106	330
772931	Oct. 25, 1904	Process of making lakes from sulfur dyes.	Feb. 26	Mar. 22	H-106	301
773251	Oct. 25, 1904	Ureide of dialkyl-acetic acid and process of making same.	Feb. 26	Mar. 24	W-106	414
			Apr. 8	Apr. 9	V-106	489
773343	Oct. 25, 1904	Process of making pure salt	Feb. 28	Mar. 25	F-106	368
773346	Oct. 25, 1904	Yellow sulfur dye and process of making same.	Feb. 26	Apr. 9	L-106	419
773784	Nov. 1, 1904	Process of extracting ammonia from distillation gases.	Feb. 24	Mar. 21	T-106	209
773941	Nov. 1, 1904	Manufacture of cellulose	Feb. 26	Mar. 22	Z-106	184
773992	Nov. 1, 1904	Process of manufacturing peat fuel.	Feb. 28	Mar. 21	U-106	172
773995	Nov. 1, 1904	Manufacture of linoleum	Feb. 28	Mar. 25	X-106	435
774049	Nov. 1, 1904	Process of electrolytically producing lead-peroxid layers upon positive accumulator plates.	Feb. 28	Mar. 22	L-106	218
774121	Nov. 1, 1904	Process of polishing and finishing limestone, marble, etc.	Feb. 28	Mar. 22	S-106	270
774224	Nov. 8, 1904	Solidified halogenized fat and process of making same.	Feb. 26	Mar. 24	W-106	414
			Apr. 8	Apr. 9	V-106	488
774407	Nov. 8, 1904	Apparatus for dyeing, etc	Feb. 28	Mar. 22	H-106	315
774677	Nov. 8, 1904	Elastic horn-like substance and process of producing same.	Feb. 26	Mar. 24	P-106	343
774840	Nov. 15, 1904	Method of making white cement	Feb. 28	Mar. 21	U-106	152
775251	Nov. 15, 1904	Process of making homologues of ionone.	Mar. 1	Mar. 24	X-106	404
775475	Nov. 22, 1904	Filter	Feb. 28	Mar. 24	I-106	340
775548	Nov. 22, 1904	Process of separating copper or like metals from their ores.	Feb. 28	Mar. 24	W-106	421
775570	Nov. 22, 1904	Dark-blue sulfur dye	Feb. 27	Mar. 22	J-106	286
775592	Nov. 22, 1904	Galvanic element or battery	Feb. 28	Mar. 21	Y-106	184
775978	Nov. 29, 1904	Process of making sesquiterpene alcohol.	Mar. 1	Mar. 26	U-106	319

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			1919.	1919.		
776264	Nov. 29, 1904	Blue sulfur dye and process of making same.	Feb. 26	Apr. 9	L-106	419
777145	Dec. 13, 1904	Manufacture of artificial stone	Feb. 28	Mar. 25	T-106	332
777316	Dec. 13, 1904	Paper-stock filter	Feb. 28	Mar. 25	Z-106	265
777285	Dec. 13, 1904	Process of heating air	Feb. 28	Mar. 22	T-106	258
777486	Dec. 13, 1904	Process of manufacturing nitric acid	Feb. 28	Mar. 22	T-106	258
777669	Dec. 20, 1904	Process of producing salts of hydrosulfurous acid.	Feb. 25	Mar. 22	Y-106	227
777734	Dec. 20, 1904	Process of making translucent opal glass.	Feb. 28	Mar. 24	Q-106	324
777746	Dec. 20, 1904	Reversible converter	Feb. 28	Mar. 21	T-106	211
777962	Dec. 20, 1904	Iodoxy compound and process of making same.	Feb. 26	Apr. 9	L-106	419
778036	Dec. 20, 1904	Anthraquinone dye and process of making same.	Feb. 26	Apr. 9	M-106	419
778476	Dec. 27, 1904	Beta-naphthol azo dye and process of making same.	Feb. 23	Mar. 24	T-106	271
778477	Dec. 27, 1904	Monochloro alphanaphthol and process of making same.	Feb. 23	Mar. 24	T-106	271
778478	Dec. 27, 1904	Blue sulfur dye and process of making same.	Feb. 23	Mar. 24	T-106	271
778610	Dec. 27, 1904	Black disazo dye and process of making same.	Feb. 26	Apr. 9	L-106	419
778658	Dec. 27, 1904	Manufacture of linoleums	Feb. 25	Mar. 22	H-106	310
778713	Dec. 27, 1904	Violet sulfur dye and process of making same.	Feb. 26	Apr. 9	L-106	419
778715	Dec. 27, 1904	Process of making linoleum	Feb. 28	Mar. 21	P-106	296
778783	Dec. 27, 1904	Process of producing nutr[illegible] substance from blood.	Feb. 25	Mar. 22	I-106	300
778846	Jan. 3, 1905	Process of coking	Feb. 25	Mar. 21	H-106	274
778899	Jan. 3, 1905	Method of forming blocks of ores for metallurgical purposes.	Feb. 25 Mar. 1	Mar. 22 Mar. 24	Y-106 H-106	240 370
[1]12643	Apr. 30, 1907		Mar. 1	Mar. 24	H-106	370
778912	Jan. 3, 1905	Dry cell	Feb. 28	Mar. 22	X-106	349
778980	Jan. 3, 1905	Process of producing fatty acids	Feb. 27	Mar. 22	J-106	262
779076	Jan. 3, 1905	Apparatus for treating fabrics with fluids.	Feb. 26	Mar. 24	R-106	316
779175	Jan. 3, 1905	Manufacture of silklike thread	Feb. 28	Mar. 22	X-106	317
779187	Jan. 3, 1905	Alpha-beta methylionone and process of making same.	Feb. 28	Mar. 22	Q-106	301
779210	Jan. 3, 1905	Process of producing barium oxid from barium carbonate.	Feb. 26	Mar. 25	Q-106	352
779228	Jan. 3, 1905	Process of dyeing	Feb. 28	Mar. 24	W-106	404
779261	Jan. 3, 1905	Process of purifying sugar juice	Feb. 28	Mar. 24	X-106	360
779760	Jan. 10, 1905	Explosive	Feb. 28	Mar. 25	T-106	317
779777	Jan. 10, 1905	Process of producing silver emulsions.	Feb. 26	Mar. 24	R-106	308
779797	Jan. 10, 1905	Reproducing pictures by means of catalysis.	Feb. 28	Mar. 24	V-106	340
779816	Jan. 10, 1905	Treatment of sugar-bearing materials.	Feb. 28	Mar. 25	Y-106	311
780241	Jan. 17, 1905	Process of making dialkyl barbituric acid.	Feb. 26 Apr. 8	Mar. 24 Apr. 9	W-106 V-106	414 488
781363	Jan. 31, 1905	Process of making medicaments containing plant juice.	Feb. 28	Mar. 22	U-106	211
781472	Jan. 31, 1905	Process of making cyanids	Feb. 28	Mar. 25	V-106	368
781536	Jan. 31, 1905	Filter	Feb. 28	Mar. 24	L-106	278
782154	Feb. 7, 1905	Preparation of theophylline	Feb. 25	Mar. 22	Y-106	199
782637	Feb. 14, 1905	Ammonium-sulfate saturator	Mar. 1	Mar. 24	K-106	371
782679	Feb. 14, 1905	Pauedo cyclocitralidene acetone and process of making same.	Feb. 26	Apr. 9	L-106	419
782905	Feb. 21, 1905	Orange sulfur dyes and process of making same.	Feb. 26	Mar. 22	H-106	301
783569	Feb. 28, 1905	Mercerizing apparatus	Feb. 26	Mar. 22	R-106	286
783916	Feb. 28, 1905	Process of manufacturing pitch	Feb. 28	Mar. 22	H-106	326
784349	Mar. 7, 1905	Process of manufacturing limpid solutions of agaragar and product of same.	Feb. 28	Mar. 25	W-106	436

[1]Reissue

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			1919.	1919.		
784411	Mar. 7, 1905	Materials for perfumes and process of making same.	Feb. 26	Apr. 9	L-106	419
784412	Mar. 7, 1905	Materials for perfumes and process of making same.	Feb. 26	Apr. 9	L-106	419
784503	Mar. 7, 1905	Preservative of foods, etc.	Mar. 1	Mar. 24	H-106	371
784640	Mar. 14, 1905	Process of making chromates	Feb. 26	Mar. 22	J-106	389
785675	Mar. 21, 1905	Orange sulfur dye and process of making same.	Feb. 26	Mar. 25	P-106	341
785734	Mar. 28, 1905	Process of obtaining the contents of yeast cells.	Feb. 26	Mar. 24	J-106	279
786004	Mar. 28, 1905	Method of preparing dressings for bandages.	Feb. 24	Mar. 21	H-106	388
786028	Mar. 28, 1905	Process of manufacturing bricks from refuse from coal or coke.	Feb. 28	Mar. 24	T-106	291
786062	Mar. 28, 1905	Process of coloring natural compact crystalline stones.	Feb. 26	Mar. 22	Z-106	170
786496	Apr. 4, 1905	Process of making neutral soap	Feb. 26	Mar. 24	L-106	383
786527	Apr. 4, 1905	Manufacture of a substitute for caoutchouc.	Feb. 27	Mar. 25	S-106	343
786640	Apr. 4, 1905	Process of producing catalyzing pictures.	Mar. 1	Mar. 26	Z-106	270
786770	Apr. 4, 1905	Siemens regenerative furnace	Feb. 28	Mar. 22	Z-106	179
787046	Apr. 11, 1905	Claret-red mordant dye and process of making same.	Feb. 28	Mar. 25	P-106	361
788129	Apr. 25, 1905	Process of making waterproof transparent celluloid pictures.	Feb. 25	Mar. 21	Y-106	171
788940	May 2, 1905	Method of manufacturing thin bronze or other metal plates.	Feb. 26	Mar. 21	X-106	314
789252	May 9, 1905	Blasting composition	Feb. 25	Mar. 21	Z-106	122
789610	May 9, 1905	Objects of artificial marble and process of producing same.	Feb. 28	Mar. 21	L-106	304
789647	May 9, 1905	Process of making dibasic calcium phosphate.	Feb. 25	Mar. 22	Y-106	210
789671	May 9, 1905	Process of making alkaline fluosilicates.	Feb. 27	Mar. 22	U-106	302
790116	May 16, 1905	Process of making diethyl-barbituric acids.	Feb. 28	Apr. 9	L-106	419
790138	May 16, 1905	Process of obtaining nicotin	Feb. 28	Mar. 24	R-106	321
790366	May 23, 1905	Method of improving gypsum mortar and utilizing dead-burnt gypsum.	Feb. 28	Mar. 24	X-106	376
790601	May 23, 1905	Process of making camphor	Feb. 25	Apr. 9	Z-106	338
791306	May 30, 1905	Process of making hydrohalogenic acid.	Feb. 28	Mar. 25	T-106	350
791971	June 6, 1905	Process of making first sugar and waste molasses in one operation.	Feb. 28	Mar. 25	T-106	353
792379	June 13, 1905	Ammonia still	Feb. 25	Mar. 22	Y-106	198
792451	June 13, 1905	Method of erecting walls	Feb. 28	Mar. 25	K-106	394
792518	June 13, 1905	Remedy for tree cancer	Feb. 28	Mar. 22	G-106	315
793290	June 27, 1905	Kiln for coking peat or similar material.	Feb. 28	Mar. 21	L-106	309
793394	June 27, 1905	Dyeing apparatus	Feb. 28	Mar. 24	S-106	315
793399	June 27, 1905	Paint-spraying device	Feb. 28 July 28	Mar. 22 Oct. 7	S-106 I-106	237 315
793800	June 27, 1905	Process of manufacturing size	Feb. 28	Mar. 21	Y-106	191
793707	July 4, 1905	Process of absorbing gases	Feb. 28	Mar. 22	S-106	294
794052	July 4, 1905	Orange-red acridin dye	Feb. 26	Apr. 9	L-106	419
794173	July 11, 1905	Drum filter	Mar. 1	Mar. 22	S-106	275
794373	July 11, 1905	Process of chemically modifying oils.	Feb. 28	Mar. 24	T-106	306
794823	July 11, 1905	Process of treating blood and the product thereof.	Feb. 28	Mar. 22	X-106	347
794947	July 18, 1905	Process of extracting tanning substances.	Feb. 25	Mar. 21	T-106	182
795058	July 18, 1905	Bisulfite compound of a tetrazo dye and process of making same.	Feb. 26	Apr. 9	L-106	419
795485	July 25, 1905	Process of making alkyl barbituric acids.	Feb. 26	Apr. 9	L-106	419

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			1919.	1919.		
795526	July 25, 1905	Manufacture of artificial threads from solutions of cellulose.	Feb. 26	Mar. 24	X-106	397
795587	July 25, 1905	Igniting composition for matches.	Feb. 26	Mar. 22	J-106	209
795613	July 25, 1905	Machine for manufacturing linoleum.	Feb. 26	Mar. 25	Z-106	256
796443	Aug. 8, 1905	Red-violet sulfur dye and process of making same.	Feb. 23	Mar. 24	T-106	271
796514	Aug. 8, 1905	Process of making yellow sulfur dye	Feb. 26	Mar 22	H-106	329
796715	Aug. 8, 1905	Process of dyeing violet to black	Feb. 26	Apr. 9	L-106	419
796801	Aug. 8, 1905	Filter	Feb. 28	Mar. 24	X-106	358
797323	Aug. 15, 1905	Process of making chromates	Feb. 28	Mar. 25	W-106	443
797493	Aug. 15, 1905	Explosive compound	Feb. 26	Mar. 22	I-106	287
797634	Aug. 22, 1905	Process of manufacturing artificial stone.	Feb. 28	Mar. 24	X-106	414
797661	Aug. 22, 1905	Process of making ammonia	Feb. 28	Mar. 21	G-106	252
797662	Aug. 22, 1905	Process of making ammonia	Feb. 26	Mar. 21	G-106	253
798086	Aug. 29, 1905	Coking furnace	Feb. 26	Mar. 25	R-106	383
798205	Aug. 29, 1905	Process of making nitric acid	Feb. 28	Mar. 21	X-106	307
798509	Aug. 29, 1905	Process of obtaining soluble starch.	Feb. 25	Mar. 24	T-106	290
798807	Sept. 5, 1905	Indophenol sulfonic acids and process of making same.	Feb. 27	Mar. 25	P-106	380
798808	Sept. 5, 1905	Blue azo wool dye and process of making same.	Feb. 28	Mar. 25	P-106	381
798863	Sept. 5, 1905	Process of making dial-kylbarbiturie acid.	Feb. 26	Mar. 22	H-106	301
798920	Sept. 5, 1905	Method of reducing oxalic acid and its derivatives by electrolysis.	Feb. 28	Mar. 22	H-106	325
799061	Sept. 12, 1905	Electrolytic apparatus and electrodes therefor.	Feb. 26	Mar. 22	Z-106	165
799153	Sept. 12, 1905	Drum for drum filters	Mar. 1	Mar. 22	S-106	275
799441	Sept. 12, 1905	Process for purifying tantalum metal.	Feb. 25	Mar. 24	T-106	290
799705	Sept. 19, 1905	Nitroglycerin explosive	Feb. 25	Mar. 21	Z-106	123
799770	Sept. 19, 1905	Process of making lead carbonates.	Mar. 1	Mar. 25	R-106	388
799855	Sept. 19, 1905	Process of making guanin	Feb. 26	Mar. 24	W-106	414
			Apr. 8	Apr. 9	V-106	488
800181	Sept. 26, 1905	Method of producing electrodes	Feb. 26	Mar. 22	J-106	209
800197	Sept. 26, 1905	Process for the preservation of feathers.	Feb. 28	Mar. 21	J-106	238
800735	Oct. 3, 1905	Diamidodiphenylamin sulfonic acid and process of making same.	Feb. 26	Mar. 22	H-106	301
800785	Oct. 3, 1905	Soap and process of making same.	Feb. 25	Mar 21	Y-106	174
800913	Oct. 3, 1905	Process of nitrating aromatic amins.	Feb. 26	Mar. 22	H-106	301
800914	Oct. 3, 1905	Yellow-red azo dye	Feb. 26	Mar. 22	H-106	301
801028	Oct. 3, 1905	Process of making plasters, etc	Feb. 27	Mar. 24	X-106	401
801143	Oct. 3, 1905	Process of preparing dust ores for blast furnaces.	Mar. 1	Mar. 22	R-106	295
801144	Oct. 3, 1905	Preparing dust ores for blast furnaces.	Mar. 1	Mar. 22	R-106	295
801158	Oct. 3, 1905	Process of making insoluble aluminum acetate.	Feb. 28	Mar. 24	G-106	336
801312	Oct. 10, 1905	Sugar crystallizing apparatus	Feb. 28	Mar. 22	Y-106	222
801339	Oct. 10, 1905	Compound for hardening or case-hardening iron or steel.	Mar. 1	Mar. 22	W-106	304
801430	Oct. 10, 1905	Process for manufacturing white-lead color.	Mar. 1	Mar. 25	R-106	386
801483	Oct. 10, 1905	Process of making camphor	Feb. 25	Apr. 9	Z-106	358
801484	Oct. 10, 1905	Methylenglycerinsalicy-licacid-ester and process of making same.	Feb. 25	Apr. 9	Z-106	358
801485	Oct. 10, 1905	Process of making camphor	Feb. 25	Apr. 9	Z-106	358
801489	Oct. 10, 1905	Protecting metal surfaces	Feb. 28	Mar. 25	J-106	341
801508	Oct. 10, 1905	Brown sulfur dye and process of making same.	Feb. 28	Mar. 25	P-106	381
801634	Oct. 10, 1905	Process for the deoxidation of ingot iron, ingot steel, etc.	Mar. 1	Mar. 22	J-106	243
801871	Oct. 17, 1905	Dyer's jigger	Feb. 28	Mar. 24	X-106	370
802109	Oct. 17, 1905	Artificial wax	Feb. 26	Mar. 21	W-106	338
802258	Oct. 17, 1905	Heating composition	Feb. 28	Mar. 24	H-106	332
802487	Oct. 24, 1905	Treatment of tobacco for the removal of nicotin.	Mar. 1	Mar. 22	S-106	290

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			1919.	1919.		
802516	Oct. 24, 1905	Process for manufacturing artificial fuel.	Feb. 28	Mar. 22	Z-106	173
802517	Oct. 24, 1905	Furnace for the continuous heating of metal objects without oxidation	Feb. 28	Mar. 21	M-106	368
802792	Oct. 24, 1905	Process of making camphor	Feb. 25	Mar. 22	Y-106	199
802793	Oct. 24, 1905	Process of making camphor	Feb. 25	Mar. 22	Y-106	199
802835	Oct. 24, 1905	Double salt of ferric chlorid and cotarnin hydrochlorate and process of making same.	Feb. 28	Mar. 22	H-106	328
803421	Oct. 31, 1905	Process of dyeing	Feb. 28	Mar. 24	S-106	313
803479	Oct. 31, 1905	Making artificial stone from magnesite.	Mar. 1	Mar. 24	I-106	325
803541	Nov. 7, 1905	Bromo-lecithin and process of making same.	Feb. 26	Mar. 22	H-106	301
803592	Nov. 7, 1905	Monoazo dye and process of making same.	Feb. 26	Mar. 22	H-106	301
803774	Nov. 7, 1905	Process of making dialkylmalonylurea.	Feb. 28	Mar. 21	I-106	267
803835	Nov. 7, 1905	Process of dyeing indigo resists	Mar. 1	Mar. 25	V-106	366
803887	Nov. 7, 1905	Process of removing nicotin from articles made of tobacco.	Mar. 1	Mar. 22	T-106	243
804006	Nov. 7, 1905	Process of making zinc alloys	Feb. 28	Mar. 24	P-106	326
804021	Nov. 7, 1905	Means for producing oxids of nitrogen.	Feb. 28	Mar. 24	Q-106	333
804157	Nov. 7, 1905	Process of making hydrosulfite preparations.	Feb. 26	Apr. 9	L-106	419
804191	Nov. 7, 1905	Process for manufacturing films or threads of cellulose.	Feb. 28	Mar. 24	V-106	319
804193	Nov. 7, 1905	Process for manufacturing briquets.	Feb. 28	Mar. 25	Z-106	259
804239	Nov. 14, 1905	Apparatus for carbonizing peat	Feb. 26	Mar. 24	P-106	344
804515	Nov. 14, 1905	Process of making and separating hydrochloric and sulfuric acids.	Feb. 28	Mar. 24	Y-106	256
804516	Nov. 14, 1905	Process of making acetylene tetrachlorid.	Feb. 28	Mar. 24	Y-106	256
804524	Nov. 14, 1905	Process of freeing yeast extract from bitter principles.	Mar. 1	Mar. 22	J-106	248
804682	Nov. 14, 1905	Process of making protocatechuic aldehyde.	Feb. 26	Mar. 22	Y-106	244
804718	Nov. 14, 1905	Process for chamoising fur skins	Feb. 26	Mar. 22	K-106	295
804960	Nov. 21, 1905	Compound suitable as lacquer or varnish.	Feb. 26	Mar. 24	P-106	343
805143	Nov. 21, 1905	Cyanin dye and process of making same.	Feb. 26	Apr. 9	L-106	419
805302	Nov. 21, 1905	Producing quartz-glass free from air bubbles.	Feb. 26	Mar. 24	S-106	313
805303	Nov. 21, 1905	Producing hollow quartz-glass articles.	Feb. 26	Mar. 24	S-106	313
805304	Nov. 21, 1905	Method of protecting quartz-glass vessels.	Feb. 26	Mar. 24	S-106	313
805407	Nov. 21, 1905	Process for cleansing, scouring, or removing oil and fat from wool, hair bristles, and other material.	Feb. 25	Mar. 21	T-106	196
805443	Nov. 28, 1905	Process for the preparation of water-soluble vaseline.	Feb. 26	Mar. 21	T-106	193
805477	Nov. 28, 1905	Process of manufacturing boot and shoe lasts.	Feb. 28	Mar. 24	U-106	250
805503	Nov. 28, 1905	Vulcanizing hard-rubber articles having interior cavities.	Feb. 28	Mar. 25	Z-106	270
805553	Nov. 28, 1905	Process for improving paper yarn.	Feb. 25	Mar. 22	G-106	312
805890	Nov. 28, 1905	Diamidoformyl diphenylamin and process of making same.	Feb. 26	Apr. 9	L-106	419
805924	Nov. 28, 1905	4-Cyclogeranic acid and process of making same.	Feb. 26	Apr. 9	L-106	419
806006	Nov. 28, 1905	Process of manufacturing calcium.	Feb. 28	Mar. 24	H-106	368
806161	Dec. 5, 1905	Manufacture of hydraulic cement.	Mar. 1	Mar. 24	T-106	311
806533	Dec. 5, 1905	Process for the manufacture of threads or films of cellulose.	Feb. 28	Mar. 24	V-106	319
806615	Dec. 5, 1905	Pepsin preparation	Feb. 26	Mar. 22	H-106	301
806660	Dec. 5, 1905	Process of making concentrated formic acid.	Feb. 26	Mar. 22	X-106	330

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806690	Dec. 5, 1905	Electrical ring furnace	Feb. 26	Mar. 24	I-106	342
806932	Dec. 12, 1905	Process of making organic-acid anhydrids.	Feb. 28	Mar. 21	G-106	273
807491	Dec. 19, 1905	Process of manufacturing nitric acid.	Feb. 28	Mar. 22	T-106	258
807513	Dec. 19, 1905	Device for filtering liquids	Feb. 26	Mar. 21	G-106	276
807646	Dec. 19, 1905	Apparatus for making lampblack.	Feb. 28	Mar. 21	P-106	293
807688	Dec. 19, 1905	Process of treating raw peat	Feb. 28	Mar. 25	R-106	370
807782	Dec. 19, 1905	Process of brominating indigo	Feb. 26	Apr. 9	L-106	419
808446	Dec. 26, 1905	Process for the production of metallic calcium.	Feb. 28	Mar. 24	H-106	344
808443	Dec. 26, 1905	Process of printing with indigo	Feb. 26	Apr. 9	L-106	419
809067	Jan. 2, 1906	Siemens regenerative furnace	Feb. 26	Mar. 22	Z-106	179
809101	Jan. 2, 1906	Process of making stable non-alcoholic iron compounds.	Feb. 25	Mar. 22	U-106	190
809116	Jan. 2, 1906	Method of producing circulation in electrolytic processes.	Feb. 28	Mar. 24	Y-106	289
809121	Jan. 2, 1906	Illuminant	Feb. 26	Mar. 21	W-106	339
809138	Jan. 2, 1906	Milk preserve and process of making same.	Feb. 25	Mar. 22	Y-106	199
809218	Jan. 2, 1906	Apparatus for the separation of gases from their mixture.	Feb. 28	Mar. 21	Q-106	267
809225	Jan. 2, 1906	Process of manufacturing artificial paving stone.	Mar. 1	Mar. 22	K-106	318
809279	Jan. 9, 1906	Process for the production of stove polish.	Feb. 25	Mar. 21	Y-106	187
809291	Jan. 9, 1906	Art of manufacturing iron or steel.	Feb. 28	Mar. 21	K-106	273
809347	Jan. 9, 1906	Antitoxin for fatigue and process of making same.	Feb. 28	Mar. 24	Z-106	239
809492	Jan. 9, 1906	Process for electrolytic production of lustrous metallic coatings upon metals.	Feb. 25	Mar. 21	H-106	363
810063	Jan. 16, 1906	Duplex smelting furnace	Feb. 27	Mar. 22	J-106	254
810342	Jan. 16, 1906	Heat-nonconducting material	Feb. 28	Mar. 24	Q-106	341
810363	Jan. 16, 1906	Match	Mar. 1	Mar. 24	J-106	310
810572	Jan. 23, 1906	Process of treating ores	Feb. 28	Mar. 22	Q-106	290
810637	Jan. 23, 1906	Apparatus for continuously distilling benzin and the like.	Feb. 26	Mar. 21	U-106	147
810889	Jan. 23, 1906	Process of electrolytically preparing metals or alloys for lithographic purposes.	Feb. 28	Mar. 25	H-106	390
811826	Feb. 6, 1906	Process of making 4-imino-2-6-dioxypyrimidin.	Feb. 28	Mar. 24	Z-106	183
811827	Feb. 6, 1906	Process of making pyrimidin derivatives.	Feb. 28	Mar. 24	Z-106	185
811828	Feb. 6, 1906	Process of making pyrimidin derivatives.	Feb. 28	Mar. 24	Z-106	185
811829	Feb. 6, 1906	Process of making pyrimidin derivatives.	Feb. 28	Mar. 24	Z-106	185
812195	Feb. 13, 1906	Explosive compound	Mar. 1	Mar. 24	Q-106	303
812534	Feb. 13, 1906	Alkamin esters of para-aminobenzoic acid.	Mar. 21	Mar. 28	T-106	381
812598	Feb. 13, 1906	Process of chlorinating indigo	Feb. 26	Apr. 9	L-106	419
813272	Feb. 20, 1906	Process of making silk fibroin peptone.	Feb. 26	Mar. 22	H-106	301
813532	Feb. 27, 1906	Process for the electrolytic production of metals of the earthy alkalies.	Feb. 26	Mar. 22	P-106	298
813643	Feb. 27, 1906	Orange-yellow sulfur dye and process of making same.	Feb. 26	Mar. 22	H-106	301
813647	Feb. 27, 1906	Process of preparing soluble starch.	Feb. 28	Mar. 24	T-106	293
813671	Feb. 27, 1906	Apparatus for analysis of gases	Feb. 28	Mar. 24	Y-106	297
813965	Feb. 27, 1906	Production of cement	Feb. 28	Mar. 21	U-106	153
813977	Feb. 27, 1906	Titration apparatus	Feb. 28	Mar. 24	H-106	348
814490	Mar. 6, 1906	Binding agent and process of forming same.	Feb. 28	Mar. 26	V-106	400
814496	Mar. 6, 1906	Process of making barbituric acid.	Feb. 26	Mar. 24	W-106	414
814503	Mar. 6, 1906	Receptacle	Feb. 26	Mar. 22	H-106	301
814565	Mar. 6, 1906	Pivotable microscope stand	Mar. 1	Mar. 26	W-106	485
814917	Mar. 13, 1906	Process making nitric acid from air	Feb. 28	Mar. 22	T-106	257

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815306	Mar. 13, 1906	Apparatus for treating textile fabrics	Feb. 28	Mar. 25	R-106	352
815600	Mar. 20, 1906	Process of producing metallic or lustrous colors for printing on fabrics.	Feb. 27	Mar. 24	X-106	389
815853	Mar. 20, 1906	Alkylaminoacetopyrocatechol and process of making same.	Feb. 26	Apr. 9	L-106	419
815871	Mar. 20, 1906	Process of producing multi-colored dye effects in woolen fabrics, etc.	Feb. 25	Mar. 21	Y-106	173
815846	Mar. 20, 1906	Filtering material	Feb. 28	Mar. 24	L-106	278
815875	Mar. 20, 1906	Process of deep etching of zinc by electrolysis.	Feb. 28	Mar. 25	H-106	396
816378	Mar. 27, 1907	Dyeing leather	Feb. 28	Mar. 25	W-106	438
816457	Mar. 27, 1906	Blue fibrous material and process of dyeing same.	Feb. 26	Apr. 9	L-106	419
816547	Mar. 27, 1906	Process of making medicines	Feb. 28	Mar. 21	U-106	157
816707	Apr. 3, 1906	Process for the manufacture of quartz glass from quartz sand, etc.	Feb. 25	Mar. 21	Z-106	119
816708	Apr. 3, 1906	Manufacture of articles from quartz glass.	Feb. 25	Mar. 21	Z-106	119
817159	Apr. 10, 1906	Process of making dialkylbarbituric acid.	Feb. 26 Apr. 8	Mar. 24 Apr. 9	W-106 V-106	414 488
817164	Apr. 10, 1906	Benzoylalkylaminoethanols and process of making same.	Feb. 25	Apr. 9	Z-106	358
817419	Apr. 10, 1906	Process for the electrolytic manufacture of metal tubes.	Feb. 25	Mar. 22	L-106	214
817733	Apr. 10, 1906	Homogeneous body of highly refractory metals.	Feb. 25	Mar. 24	T-106	280
818192	Apr. 17, 1906	Process of manufacturing caustic alkalies and zinc sulfid.	Feb. 28	Mar. 22	W-106	363
818980	Apr. 24, 1906	Sulfur dye and process of making same.	Feb. 26	Apr. 9	L-106	419
818981	Apr. 24, 1906	Yellow dye and process of making same.	Feb. 26	Apr. 9	L-106	419
819262	May 1, 1906	Process of concentrating diluted nitric acid.	Feb. 26	Mar. 22	J-106	269
819348	May 1, 1906	Red sulfur dye and process of making same.	Feb. 23	Mar. 24	T-106	271
819410	May 1, 1906	Manufacture of chlorin	Feb. 25	Mar. 22	I-106	281
820052	May 8, 1906	Violet color lake and process of making same.	Feb. 26	Mar. 22	H-106	301
820139	May 8, 1906	Process of making formates	Feb. 27	Mar. 24	Z-106	238
820373	May 8, 1906	Process of making formates	Feb. 27	Mar. 24	Z-106	236
820374	May 8, 1906	Process of making formates	Feb. 28	Mar. 21	K-106	274
820567	May 15, 1906	Phosphorous compound and method of making same.	Feb. 28	Mar. 24	W-106	409
820830	May 15, 1906	Alkaminester	Feb. 26	Apr. 9	L-106	419
821260	May 22, 1906	Oil dressing for leather	Feb. 28	Mar. 25	U-106	283
821394	May 22, 1906	Dissolving and regenerating rubber.	Feb. 25	Mar. 22	Y-106	208
822087	May 29, 1906	Process for dissolving solid fluxes in fluid slag.	Feb. 28	Mar. 25	Z-106	264
822165	May 29, 1906	Process of making dialkylbarbituric acids.	Feb. 28	Mar. 22	V-106	299
822444	June 5, 1906	Process of making beryllium hydroxid.	Feb. 28	Mar. 26	H-106	408
822486	June 5, 1906	Regenerative Gas Furnace	Mar. 1	Mar. 21	G-106	269
822672	June 5, 1906	Process of making dialkylmalonyl ureas.	Feb. 26	Apr. 9	L-106	419
823204	June 12, 1906	Vat dye and process of making same.	Feb. 26	Apr. 9	L-106	419
823435	June 12, 1906	Process of treating organic substances in presence of vanadium compounds.	Feb. 26	Apr. 9	L-106	419
824475	June 26, 1906	Composition of matter	Feb. 26	Mar. 22	S-106	265
824539	June 26, 1906	Process of making an internal remedy.	Feb. 26	Mar. 22	K-106	209
824644	June 26, 1906	Process of manufacturing zinc alloys.	Feb. 28	Mar. 24	P-106	326
824701	July 3, 1906	Insecticide and fertilizer	Feb. 28	Mar. 24	Z-106	211

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825060	July 3, 1906	Process for reclaiming vulcanized rubber waste.	Feb. 26	Mar. 22	Z-106	168
825221	July 3, 1906	Coke oven	Feb. 28	Mar. 24	U-106	240
825297	July 10, 1906	Process of extracting ammonia from gases.	Feb. 24	Mar. 21	T-106	210
825435	July 10, 1906	Process for the manufacture of impregnated gloves.	Feb. 28	Mar. 21	P-106	294
825883	July 10, 1906	Stable solution of peroxid of hydrogen.	Feb. 26	Mar. 24	Y-106	278
825983	July 17, 1906	Process of treating matte	Feb. 28	Mar. 22	Q-106	290
826165	July 17, 1906	Process of making borneol	Feb. 26	Mar. 22	G-106	304
826166	July 17, 1906	Magnesium compound of pinene haloids and process of making same.	Feb. 26	Mar. 22	G-106	304
826279	July 17, 1906	Ortho-oxyazo dye	Feb. 26	Apr. 9	L-106	419
826280	July 17, 1906	Ortho-oxymonoazo dye	Feb. 26	Apr. 9	L-106	419
826281	July 17, 1906	Ortho-oxymonoazo dye	Feb. 26	Apr. 9	L-106	419
826282	July 17, 1906	Ortho-oxyazo dye	Feb. 26	Apr. 9	L-106	419
826435	July 17, 1906	Extracting metals by electrolytic means from ores.	Feb. 26	Mar. 21	P-106	285
826509	July 17, 1906	Alizarin sulfonoid and process of making same.	Feb. 28	Mar. 24	V-106	325
826510	July 17, 1906	Authraflavin disulfonic acid and process of making same.	Feb. 28	Mar. 24	V-106	325
826880	July 24, 1906	Process of hardening and solidifying oils and unsaturated organic compounds.	Feb. 28	Mar. 21	M-106	365
826925	July 24, 1906	Process of sulfatizing ores, etc.	Feb. 28	Mar. 24	T-106	280
827418	July 31, 1906	Process of refining zinc and other metals.	Feb. 28	Mar. 24	Z-106	183
827468	July 31, 1906	Ortho-oxymonoazo dye and process of making same.	Feb. 26	Apr. 9	L-106	410
827591	July 31, 1906	Method of testing milk	Feb. 28	Mar. 22	P-106	297
827768	Aug. 7, 1906	Printing composition	Feb. 28	Mar. 25	V-106	378
828070	Aug. 7, 1906	Alkamin ester	Feb. 26	Apr. 9	L-106	419
828071	Aug. 7, 1906	Alkamin ester	Feb. 26	Apr. 9	L-106	419
828583	Aug. 14, 1906	Manufacture of iron	Mar. 17	Mar. 25	V-106	374
829008	Aug. 21, 1906	Bromin-substituted tanninurea derivative and process of making same.	Feb. 28	Mar. 24	L-106	297
829188	Aug. 21, 1906	Apparatus for treating textile materials.	Feb. 28	Mar. 25	T-106	344
829445	Aug. 28, 1906	Apparatus for coking briquets	Feb. 28	Mar. 21	P-106	287
829740	Aug. 28, 1906	Bordeaux-red sulfur and dye and process of making same.	Feb. 26	Apr. 9	L-106	419
829807	Aug. 28, 1906	Filter	Feb. 28	Mar. 22	Y-106	241
830043	Sept. 4, 1906	Process of producing salicylic acid-menthol ether.	Feb. 28	Mar. 24	H-106	337
830082	Sept. 4, 1906	Process of dyeing wool black	Feb. 28	Mar. 21	M-106	356
830312	Sept. 4, 1906	Red lake	Feb. 26	Apr. 9	L-106	419
830493	Sept. 11, 1906	Manufacture of plastic masses from casein, etc.	Feb. 25	Mar. 21	H-106	269
830630	Sept. 11, 1906	Process for the electrolytic production of copper.	Feb. 28	Mar. 24	H-106	343
830831	Sept. 11, 1906	Process of preserving cork	Feb. 26	Mar. 22	K-106	299
831185	Sept. 18, 1906	Vitreous cement for plugging teeth and process of manufacturing same.	Feb. 27	Mar. 22	U-106	201
831357	Sept. 18, 1906	Alloy for bearings	Feb. 25	Mar. 24	T-106	290
831488	Sept. 18, 1906	Method for producing celluloidlike substances.	Feb. 28	Mar. 25	V-106	378
831843	Sept. 25, 1906	Process for the electrolytic production of zinc.	Feb. 25	Mar. 24	T-106	290
832024	Sept. 25, 1906	Process for the electrodeposition of metals.	Feb. 25	Mar. 24	T-106	290
832393	Oct. 2, 1906	Black polyazo dye and process of making same.	Feb. 26	Mar. 22	J-106	269
832678	Oct. 9, 1906	Parallel filter	Mar. 22	Mar. 24	H-106	352
833005	Oct. 9, 1906	Process of manufacturing briquets of ore, etc.	Feb. 28	Mar. 25	U-106	292

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833053	Oct. 9, 1906	Method of manufacturing glue and gelatin from bones.	Feb. 26	Mar. 24	J-106	283
833063	Oct. 9, 1906	Process for treating wood oil with oxidizing agents.	Feb. 28	Mar. 21	M-106	363
833472	Oct. 16, 1906	Process of obtaining metals and compounds thereof.	Feb. 27	Mar. 24	I-106	338
833513	Oct. 16, 1906	Manufacture of hydrozo derivatives.	Feb. 25	Mar. 22	L-106	214
833630	Oct. 16, 1906	Process of briquetting friable ores.	Feb. 28	Mar. 21	T-106	219
833930	Oct. 23, 1906	Magnesium cement and process of manufacturing same.	Feb. 28	Mar. 21	J-106	227
834040	Oct. 23, 1906	Apparatus for gas analysis	Feb. 25	Mar. 21	U-106	138
834257	Oct. 30, 1906	Apparatus for making nitric acid	Feb. 24	Mar. 21	Q-106	244
834633	Oct. 30, 1906	Cement	Feb. 28	Mar. 21	X-106	306
834739	Oct. 30, 1906	Coloring matter for producing silk-like or pearl-luster effects.	Mar. 1	Mar. 26	P-106	396
834806	Oct. 30, 1906	Manufacture of gelatin and glue from bones.	Feb. 26	Mar. 24	J-106	283
834864	Oct. 30, 1906	Packing of filter plates	Feb. 24	Mar. 21	I-106	236
835559	Nov. 13, 1906	Apparatus for gas analysis	Feb. 26	Mar. 22	Y-106	233
835682	Nov. 13, 1906	Triphenylmethane dye and process of making same.	Feb. 26	Mar. 22	H-106	301
835771	Nov. 13, 1906	Process of manufacturing alkaline bicarbonates.	Feb. 23	Mar. 21	Y-106	178
835907	Nov. 13, 1906	Process for purifying pitch oil and other ethereal oils obtained by destructive distillation of resinous substances.	Feb. 26	Mar. 22	G-106	304
836265	Nov. 20, 1906	Fire-extinguishing compound	Feb. 25	Mar. 21	I-106	260
836452	Nov. 20, 1906	Process of producing lustrous threads, etc., from viscose.	Feb. 28	Mar. 22	X-106	317
836788	Nov. 27, 1906	Production of artificial silk and artificial hair from casein.	Feb. 28	Mar. 22	V-106	295
837128	Nov. 27, 1906	Azo dye and process of making same.	Feb. 26	Apr. 9	L-106	419
837446	Dec. 4, 1906	Means for carrying off gases from retorts while being charged.	Feb. 27	Mar. 25	R-106	389
837592	Dec. 4, 1906	Apparatus for concentrating sulfuric acid.	Feb. 28	Mar. 25	S-106	347
837899	Dec. 4, 1906	Alkylaminomethylpentyl benzoate	Feb. 25	Apr. 9	Z-106	358
838108	Dec. 11, 1906	Process of preparing manure	Feb. 26	Mar. 24	Y-106	267
838406	Dec. 11, 1906	Process and apparatus for the construction of slabs of artificial stone.	Mar. 1	Mar. 24	X-106	377
838757	Dec. 18, 1906	Converting chromates into bichromates.	Feb. 26	Mar. 22	J-106	269
839150	Dec. 25, 1906	Manufacture of lavatory-basins, etc., made of earthenware.	Feb. 28	Mar. 24	Z-106	207
839336	Dec. 25, 1906	Process of utilising waste amber	Feb. 28	Mar. 25	V-106	377
839489	Dec. 25, 1906	Black mordant dye and process of making same.	Feb. 26	Mar. 22	J-106	269
839500	Dec. 25, 1906	Hydrosulfite preparations	Feb. 26	Apr. 9	L-106	419
839590	Dec. 25, 1906	Compound of organic colors with fatty acids and process of making same.	Feb. 26	Apr. 9	L-106	419
839605	Dec. 25, 1906	Yellow azo dye	Feb. 26	Apr. 9	L-106	419
839645	Dec. 25, 1906	Dyeing leather	Feb. 28	Mar. 25	W-106	438
839825	Jan. 1, 1907	Manufacturing cellulose products.	Feb. 26	Mar. 24	Y-106	259
841278	Jan. 15, 1907	Manufacture of chromic acid	Feb. 26	Mar. 22	J-106	269
841456	Jan. 15, 1907	Process of making phenylglycin	Feb. 26	Apr. 9	L-106	419
841738	Jan. 22, 1907	Boracic-acid esters	Mar. 1	Mar. 25	Z-106	250
841877	Jan. 22, 1907	Blue sulfur dye and process of making same.	Feb. 26	Mar. 22	J-106	269
841883	Jan. 22, 1907	Process of photomechanic color-printing.	Feb. 28	Mar. 24	Z-106	228
841999	Jan. 22, 1907	Process of making formaldehyde sulfoxylates.	Feb. 26	Apr. 9	L-106	419
842452	Jan. 29, 1907	Process of making ferrous carbonate.	Feb. 26	Mar. 22	Y-106	219
842548	Jan. 29, 1907	Azo dye and process of making same.	Feb. 25 Feb. 26	Mar. 21 Mar. 22	S-106 H-106	215 301

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842560	Jan. 29, 1907	Orange lake and process of making same.	Feb. 26	Mar. 22	H-106	301
842568	Jan. 29, 1907	Process for manufacturing glossy cellulose threads.	Feb. 26	Mar. 24	X-106	397
842612	Jan. 29, 1907	Process for obtaining solution of bacterial poisons.	Feb. 28	Mar. 24	H-106	336
842636	Jan. 29, 1907	Dust-binding composition and process of making same.	Feb. 28	Mar. 25	Q-106	348
843156	Feb. 5, 1907	Green sulfur dye	Feb. 26	Mar. 22	J-106	269
843318	Feb. 5, 1907	Distilling apparatus	Feb. 25	Mar. 22	Y-106	198
843401	Feb. 5, 1907	Manufacture of varnishes, balsam, and resins.	Feb. 28	Mar. 21	M-106	365
843872	Feb. 12, 1907	Furnace for obtaining zinc from zinc ores.	Mar. 1	Mar. 25	Q-106	350
844077	Feb. 12, 1907	Process for the production of aqueous caoutchouc solutions and the regeneration of rubber waste.	Feb. 25	Mar. 22	Y-106	208
844330	Feb. 19, 1907	Manufacture of cement	Feb. 28	Mar. 22	H-106	323
844804	Feb. 19, 1907	Blue quinolin dye and process of making same.	Feb. 26	Apr. 9	L-106	419
844845	Feb. 19, 1907	Yellow and orange pigment colors.	Feb. 26	Apr. 9	L-106	419
845138	Feb. 26, 1907	Process for producing printing plates.	Feb. 28	Mar. 24	P-106	351
845322	Feb. 26, 1907	Carbon - tetrachlorid preparation and process for its production.	Feb. 28	Mar. 21	G-106	279
845413	Feb. 26, 1907	Electric - resistance thermometer.	Feb. 28	Mar. 26	X-106	440
845681	Feb. 26, 1907	Process of making blue substitute.	Feb. 25	Mar. 21	S-106	114
845854	Mar. 5, 1907	Manufacture of alumina and alkali compounds of sulfur.	Feb. 25	Mar. 22	I-106	281
846311	Mar. 12, 1907	Ortho-oxy-monoazo dye	Feb. 26	Apr. 9	L-106	419
846582	Mar. 12, 1907	Filter	Feb. 26	Mar. 26	P-106	387
846895	Mar. 12, 1907	Medicinal extracts	Feb. 25	Mar. 21	U-106	135
846954	Mar. 12, 1907	Process of treating photographic prints.	Feb. 28	Mar. 21	S-106	232
847078	Mar. 12, 1907	Production of organic sulfonic acids.	Feb. 28	Mar. 24	V-106	323
847126	Mar. 12, 1907	Process for the treatment of beet root, etc.	Feb. 28	Mar. 25	Y-106	311
847202	Mar. 12, 1907	Process of forming building material.	Feb. 28	Mar. 25	R-106	362
847530	Mar. 19, 1907	Lime color	Feb. 28	Mar. 24	U-106	270
847668	Mar. 19, 1907	Heating cartridge	Feb. 28	Mar. 21	P-106	278
848133	Mar. 26, 1907	Wood substitute	Feb. 28	Mar. 25	I-106	365
848179	Mar. 26, 1907	Method of molding soap	Feb. 26	Mar. 24	U-106	239
848439	Mar. 26, 1907	Treatment of corundum	Feb. 28	Mar. 21	Q-106	252
848800	Mar. 26, 1907	Production of homogeneous bodies from tantalum or other metals.	Feb. 25	Mar. 24	T-106	290
848812	Mar. 26, 1907	Manufacture of alumina and alkali sulfur salts.	Feb. 25	Mar. 22	I-106	281
848903	Apr. 2, 1907	Art of distilling	Feb. 28	Mar. 21	L-106	196
848960	Apr. 2, 1907	Desiccating material	Feb. 25	Mar. 21	Y-106	168
849547	Apr. 9, 1907	Counter die and method of making same.	Mar. 1	Mar. 22	J-106	273
849635	Apr. 9, 1907	Apparatus for treating textile fibers with liquids and gases.	Mar. 1	Mar. 25	R-106	350
849690	Apr. 9, 1907	Yellow wool dye	Feb. 26	Mar. 22	J-106	269
849739	Apr. 9, 1907	Yellow monoazo dye and process of making same.	Feb. 26	Mar. 22	J-106	269
849947	Apr. 9, 1907	Apparatus for coking briquets	Feb. 28	Mar. 21	P-106	287
850392	Apr. 16, 1907	Process of oxidizing atmospheric nitrogen.	Feb. 28	Mar. 21	X-106	304
850444	Apr. 16, 1907	Process of making indigo	Feb. 27	Mar. 25	V-106	356
850689	Apr. 16, 1907	Process for manufacturing artificial stone	Feb. 28	Mar. 25	Y-106	307
850827	Apr. 16, 1907	Thio-indoxyl derivative and process of making same.	Feb. 23	Mar. 24	T-106	371
850960	Apr. 16, 1907	Self-luminous body	Feb. 28	Mar. 22	H-106	314
850898	Apr. 23, 1907	Process for the preparation of water-soluble hydrocarbon derivatives.	Feb. 26	Mar. 21	T-106	193

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			1919.	1919.		
850965	Apr. 23, 1907	Apparatus for producing alkali hydrates and zinc sulfid.	Feb. 28	Mar. 22	W-106	363
851153	Apr. 23, 1907	Apparatus for mechanically mixing or combining liquids, etc.	Feb. 25	Mar. 21	I-106	343
851444	Apr. 23, 1907	Amido-oxy-sulfonic acid of paenyl-naphthimidazol and process of making same.	Feb. 26	Mar. 22	H-106	301
851918	Apr. 30, 1907	Process of manufacturing printing blocks and plates.	Feb. 25	Mar. 21	H-106	269
852126	Apr. 30, 1907	Manufacture of artificial thread from solutions of cellulose.	Feb. 26	Mar. 24	X-106	397
852371	Apr. 30, 1907	Method of producing dicalcium phosphate.	Feb. 25	Mar. 21	I-106	256
852372	Apr. 30, 1907	Method of producing dicalcium phosphate.	Feb. 25	Mar. 21	I-106	256
853341	May 14, 1907	Manufacture of ceramic products.	Feb. 28	Mar. 21	Q-106	233
853934	May 14, 1907	Solidified diastatic malt extracts.	Mar. 1	Mar. 24	R-106	336
854011	May 21, 1907	Process for the preparation of lithophones.	Feb. 24	Mar. 26	P-106	378
854032	May 21, 1907	Process for dyeing granulated leather in different colors or shades.	Feb. 26	Mar. 22	T-106	247
854560	May 21, 1907	Process of separating beryllia from alumina and iron.	Feb. 28	Mar. 26	H-106	408
854565	May 21, 1907	Process for manufacturing briquets from coal peat and bog earth.	Feb. 28	Mar. 24	X-106	367
855449	June 4, 1907	Process of ameliorating wines and spirits and of sterilising liquids.	Feb. 25	Mar. 22	L-106	220
855488	June 4, 1907	Fire lighter	Feb. 28	Mar. 25	L-106	316
855860	June 4, 1907	Manufacturing means from wood tar for preventing dust on streets, roads, and the like.	Feb. 28	Mar. 24	Q-106	336
855889	June 4, 1907	Process of nitrating cellulose	Feb. 28	Mar. 21	H-106	281
856622	June 11, 1907	Process of manufacturing dialky-barbituric acid.	Feb. 26 Apr. 8	Mar. 24 Apr. 9	W-106 V-106	414 488
856857	June 11, 1907	Process for the manufacture of threads, films, or other forms of cellulose.	Feb. 28	Mar. 24	V-106	319
857046	June 18, 1907	Process of producing concentrated formic acid from formates.	Feb. 25	Mar. 21	K-106	279
857146	June 18, 1907	Method of producing calcium hydrid.	Feb. 26	Mar. 22	P-106	298
858065	June 25, 1907	Monoazo dye for lakes and process of making same.	Mar. 22	Mar. 26	T-106	362
858607	July 2, 1907	Dust collector	Feb. 28	Mar. 24	H-106	357
859106	July 2, 1907	Bronze leaf	Mar. 1	Mar. 24	R-106	337
859184	July 2, 1907	Process of extracting tin from tin ores.	Mar. 1	Mar. 24	H-106	347
859504	July 9, 1907	Process of extracting tin from iron containing tin products.	Mar. 1	Mar. 24	H-106	347
860220	July 16, 1907	Blue cotton dye and process of making same.	Feb. 26	Mar. 22	J-106	269
860221	July 16, 1907	Blue disazo dye and process of making same.	Feb. 26	Mar. 22	J-106	269
860414	July 16, 1907	Process of making a proteose preparation.	Mar. 1	Mar. 25	X-106	433
860776	July 23, 1907	Process of manufacturing nitrated cellulose.	Feb. 28	Mar. 21	H-106	281
860893	July 23, 1907	Color feeding attachment for machines for dyeing or printing in shaded colors or tints.	Feb. 26	Apr. 9	L-106	419
861129	July 23, 1907	Process of reducing refractory oxids.	Feb. 28	Mar. 21	M-106	370
861218	July 23, 1907	Stable hydrosulfite mixture and method of making same.	Feb. 28	Mar. 24	W-106	401
861345	July 30, 1907	Process of manufacturing lead acetate.	Feb. 28	Mar. 22	S-106	294
861397	July 30, 1907	Process of manufacturing fatty compounds for use as turkey-red oils.	Feb. 28	Mar. 22	Q-106	302

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				Date of filing or recording.	Book.	Page.
			1919.	1919.		
861435	July 30, 1907	Waterproof-coated linen and process for producing the same.	Feb. 25	Mar. 21	H-106	284
861826	July 30, 1907	Process for producing metal peroxids.	Mar. 1	Mar. 24	U-106	228
861847	July 30, 1907	Varnish for producing mat surfaces.	Feb. 26	Mar. 24	W-106	391
862305	Aug. 6, 1907	Manufacture of a cleaning and protecting material for metals.	Feb. 28	Mar. 25	T-106	320
862409	Aug. 6, 1907	Treating sheet metal by electrolysis.	Feb. 26	Mar. 24	Z-106	222
862574	Aug. 6, 1907	Process of making ortho-dioxyphenylethanolethylamin.	Feb. 26	Apr. 9	L-106	419
862675	Aug. 6, 1907	Orthodioxyphenylethanolamin	Feb. 26	Apr. 9	L-106	419
862763	Aug. 6, 1907	Medicated bougie	Feb. 28	Mar. 21	S-106	242
862857	Aug. 6, 1907	Santalol carbonate	Feb. 26	Mar. 22	V-106	292
862858	Aug. 6, 1907	Insipid sandalwood-oil preparations.	Feb. 26	Mar. 22	V-106	292
862870	Aug. 6, 1907	Apparatus for testing the water of a boiler under pressure.	Feb. 28	Mar. 21	U-106	180
863290	Aug. 13, 1907	Black mordant azo dye	Feb. 26	Mar. 22	J-106	249
864217	Aug. 27, 1907	Process of concentrating nitric acid.	Feb. 28	Mar. 24	W-106	426
864388	Aug. 27, 1907	Process for producing a horn-like mass.	Feb. 28	Mar. 24	P-106	347
864475	Aug. 27, 1907	Process for making a siccative	Feb. 27	Mar. 22	J-106	258
864513	Aug. 27, 1907	Production of ammonium nitrate.	Feb. 28	Mar. 24	V-106	325
864644	Aug. 27, 1907	Sulfur dye and process of making same.	Feb. 26	Mar. 22	H-106	301
864723	Aug. 27, 1907	Process for the production of electric resistance bodies.	Feb. 26	Mar. 24	H-106	340
865587	Sept. 10, 1907	Red-orange monoazo dye and process of making same.	Feb. 26	Mar. 22	H-106	301
865807	Sept. 10, 1907	Production of elastic and plastic substances.	Feb. 28	Mar. 25	S-106	347
866058	Sept. 17, 1907	Dye jigger	Feb. 28	Mar. 25	H-106	383
866359	Sept. 17, 1907	Triphenylmethan dye and process of making same.	Feb. 26	Mar. 22	H-106	301
866385	Sept. 17 1907	Process for producing technically pure ductile tantalum.	Feb. 25	Mar. 24	T-106	290
866444	Sept. 17, 1907	Process for the manufacture of solid forms.	Feb. 26	Mar. 25	Q-106	352
866768	Sept. 24, 1907	Process for the manufacture of artificial silk filaments from nitrocellulose.	Feb. 26	Mar. 24	Y-106	283
867305	Oct. 1, 1907	Vat dyestuff	Feb. 26	Apr. 9	L-106	419
867306	Oct. 1, 1907	Vat dyestuff	Feb. 26	Apr. 9	L-106	419
867679	Oct. 8, 1907	Red-violet vat dye and process of making same.	Feb. 26	Apr. 9	L-106	419
867787	Oct. 8, 1907	Pitch substitute and process for making the same.	Feb. 25	Mar. 22	W-106	368
868008	Oct. 15, 1907	Pulverulent coloring matter for leather.	Feb. 28	Mar. 21	T-106	218
868204	Oct. 15, 1907	Thiosinamin compound	Feb. 26	Mar. 24	T-106	301
868294	Oct. 15, 1907	Process of producing phenylglycin and its homologues.	Mar. 22	Mar. 26	Z-106	301
868295	Oct. 15, 1907	Vat-dye and process of making same.	Feb. 26	Apr. 9	L-106	419
868347	Oct. 15, 1907	Method of eliminating tar from gaseous products of dry distillation for the purpose of producing acetate solutions.	Feb. 26	Mar. 24	U-106	233
868383	Oct. 15, 1907	Process for improving aluminium alloys by heating and chilling.	Feb. 28	Mar. 21	W-106	357
868385	Oct. 15, 1907	Oxid of iron	Mar. 1	Mar. 25	R-106	385
868729	Oct. 22, 1907	Bath for obtaining electrolytic metallic deposits.	Feb. 28	Mar. 25	J-106	333
869073	Oct. 22, 1907	Para-aminodiphenylamin sulfonic acid and process of making same.	Feb. 26	Mar. 22	H-106	301
869610	Oct. 29, 1907	Carbonic acid bath	Feb. 18	Mar. 24	K-106	372

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			1919.	1919.		
869638	Oct. 29, 1907	Borate of hexamethyleneamin and process of making same.	Feb. 26	Mar. 22	H-106	301
870148	Nov. 5, 1907	Process of producing hydrogen peroxid.	Feb. 28	Mar. 21	J-106	236
870691	Nov. 12, 1907	Process of producing porous barium oxid.	Feb. 26	Mar. 22	K-106	314
870962	Nov. 12, 1907	Manufacture of a new material suitable for use in dentistry.	Feb. 28	Mar. 21	L-106	200
871495	Nov. 19, 1907	Process of making mercury salves and ointments.	Mar. 1	Mar. 24	U-106	228
871507	Nov. 19, 1907	Anthrachrysone derivatives	Feb. 26	Apr. 9	L-106	419
872085	Nov. 26, 1907	Brown vat dye	Feb. 26	Apr. 9	L-106	419
872086	Nov. 26, 1907	Green-black vat dye	Feb. 26	Apr. 9	L-106	419
872585	Dec. 3, 1907	Orange vat dye and process of making same.	Feb. 26	Apr. 9	L-106	419
872757	Dec. 3, 1907	Process of making nitrated superphosphates.	Feb. 28	Mar. 22	Q-106	298
872815	Dec. 3, 1907	Safranin dye and process of making same.	Feb. 26	Mar. 22	H-106	301
872949	Dec. 3, 1907	Process for the production of amorphous carbon.	Feb. 28	Mar. 21	I-106	262
872950	Dec. 3, 1907	Apparatus for producing carbon	Feb. 28	Mar. 21	I-106	260
873853	Dec. 17, 1907	Method of producing hydrogen from water gas.	Feb. 25	Mar. 22	Y-106	224
873938	Dec. 17, 1907	Method of producing homogeneous bodies from tantalum or other highly refractory metals.	Feb. 25	Mar. 24	T-106	290
873960	Dec. 17, 1907	Method of producing plastic composition.	Mar. 1	Mar. 21	S-106	230
874005	Dec. 17, 1907	Process of producing photographs on metal, glass, porcelain, etc.	Feb. 28	Mar. 21	S-106	212
874649	Dec. 24, 1907	Thio-indoxyl derivatives and process of making same.	Feb. 23	Mar. 24	T-106	271
875259	Dec. 31, 1907	Method of extracting metallic ores and mattes.	Feb. 28	Mar. 24	P-106	328
875665	Dec. 31, 1907	Emulsion of oil and the like	Feb. 26	Mar. 22	Z-106	174
875764	Jan. 7, 1908	Composition for production of aromatic baths.	Feb. 18	Mar. 24	K-106	372
876179	Jan. 7, 1908	Stable solution of hydrogen peroxid and method of making same.	Feb. 20	Mar. 24	Y-106	278
876275	Jan. 7, 1908	Smelting furnace with oil fire	Feb. 28	Mar. 21	M-106	354
876311	Jan. 7, 1908	Process of manufacturing condensation products from formaldehyde, tannin, and aromatic monohydroxyl compounds.	Feb. 26 July 22	Mar. 24 July 31	J-106 B-108	284 60
876421	Jan. 14, 1908	Kiln for coking peat or similar material.	Feb. 27	Mar. 25	R-106	389
876782	Jan. 14, 1908	Process for the manufacture of artificial stone.	Feb. 25	Mar. 22	U-106	197
876783	Jan. 14, 1908	Method of making molded articles.	Mar. 1	Mar. 22	L-106	225
877289	Jan. 21, 1908	Process for solidifying fats, oils, tar, resin, etc.	Feb. 25	Mar. 21	U-106	139
877702	Jan. 28, 1908	Process of making arylthioglycollic-orthocarboxylic acids.	Feb. 26	Apr. 9	L-106	419
877743	Jan. 28, 1908	Violet dye and process of making same.	Feb. 26	Apr. 9	L-106	419
878103	Feb. 4, 1908	Machine for dyeing bobbins and the like.	Feb. 28	Mar. 25	K-106	302
878210	Feb. 4, 1908	Process for the reduction of refractory oxids.	Feb. 28	Mar. 25	U-106	281
878370	Feb. 4, 1908	Apparatus for the chemical purification of oils and the like.	Mar. 1	Mar. 22	T-106	238
878480	Feb. 4, 1908	Apparatus for manufacturing fuel.	Feb. 28	Mar. 21	L-106	198
878964	Feb. 11, 1908	Red color-lake	Feb. 26	Apr. 9	L-106	419
879499	Feb. 18, 1908	Process of manufacturing dialkyl-barbituric acids.	Feb. 26 Apr. 8	Mar. 24 Apr. 9	W-106 V-106	414 488
879553	Feb. 18, 1908	Process of mordanting wool	Feb. 28	Mar. 24	K-106	344

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			1919.	1919.		
879633	Feb. 18, 1908	Process of treating metallic ores or mattes.	Feb. 28	Mar. 24	P-106	328
879963	Feb. 25, 1908	Filter	Feb. 27	Mar. 24	J-106	290
880074	Feb. 25, 1908	Electrical systems of measuring temperatures.	Feb. 28 July 28	Mar. 26 Aug. 25	X-106 C-108	440 488
880292	Feb. 25, 1908	Red azo dye and process of making same.	Feb. 26	Mar. 22	H-106	301
880293	Feb. 25, 1908	Yellow tetrazo dye and process of making same.	Feb. 26	Mar. 22	H-106	301
880373	Feb. 25, 1908	Process of accelerating the separation of nitroglycerin from acids.	Feb. 28	Mar. 24	Q-106	314
880405	Feb. 25, 1908	Process of producing poreless and well-adhering electrodeposits.	Feb. 28	Mar. 25	I-106	354
880599	Mar. 3, 1908	Process of electrolytically producing persulfates.	Feb. 28	Mar. 24	U-106	259
881157	Mar. 10, 1908	Dark-green black dye	Feb. 26	Apr. 9	L-106	419
881158	Mar. 10, 1908	Dark-blue-violet dye	Feb. 26	Apr. 9	L-106	419
881159	Mar. 10, 1908	Red vat dye	Feb. 26	Apr. 9	L-106	419
881624	Mar. 10, 1908	Making vat dyestuffs	Feb. 26	Apr. 9	L-106	419
881724	Mar. 10, 1908	Method of working gas furnaces	Mar. 1	Mar. 24	J-106	315
882590	Mar. 24, 1908	Manufacture of salicylic acid glycerin esters.	Mar. 22	Mar. 26	Z-106	295
882910	Mar. 24, 1908	Safety explosive	Feb. 28	Mar. 22	U-106	206
882916	Mar. 24, 1908	Liquid composition to be used in the manufacture of fancy stained papers.	Feb. 28	Mar. 25	I-106	358
882958	Mar. 24, 1908	Process for manufacturing nitric acid by means of superheating, etc.	Feb. 28	Mar. 22	T-106	253
883165	Mar. 31, 1908	Baking powder	Feb. 26	Mar. 22	H-106	313
883286	Mar. 31, 1908	Method of manufacturing and treating composite aluminium oxids.	Feb. 28	Mar. 21	Q-106	252
883360	Mar. 31, 1908	Process for the manufacture of floating soap.	Feb. 28	Mar. 24	J-106	307
884025	Apr. 7, 1908	Process of manufacturing blood-albumin preparations.	Feb. 27	Mar. 24	P-106	333
884346	Apr. 7, 1908	Remedying defects such as blow-holes in metal castings.	Feb. 26	Mar. 22	J-106	269
884874	Apr. 14, 1908	Zinc-sulfid pigment and process of producing the same.	Feb. 25	Mar. 22	Z-106	157
885453	Apr. 21, 1908	Manufacture of colored photographic images.	Feb. 26	Apr. 9	L-106	419
885591	Apr. 21, 1908	Process for the manufacture of fused oil and its components.	Feb. 28	Mar. 24	Q-106	310
886085	Apr. 28, 1908	Process of manufacturing protocatechuic aldehyde.	Feb. 28	Mar. 25	S-106	346
886111	Apr. 28, 1908	Process of manufacturing crucible compounds.	Feb. 24	Mar. 22	I-106	288
886258	Apr. 28, 1908	Process for hardening artificial stone.	Feb. 28	Mar. 24	P-106	346
886420	May 5, 1908	Lining for filter elements	Feb. 28	Mar. 25	S-106	337
886597	May 5, 1908	Aluminum alloy	Feb. 26	Mar. 22	Y-105	236
887348	May 12, 1908	Mordant azo dye and process of making same.	Feb. 26	Mar. 22	J-106	269
887349	May 12, 1908	Filter element	Feb. 28	Mar. 25	S-106	337
887540	May 12, 1908	Latten (yellow brass)	Feb. 28	Mar. 25	H-106	391
888036	May 19, 1908	Blue disazo dye	Feb. 28	Mar. 24	G-106	327
888122	May 19, 1908	Manufacture of chlorinated compounds of lime.	Feb. 26	Mar. 22	J-106	269
888321	May 19, 1908	Arsenoarylglycin	Feb. 26	Apr. 9	L-106	419
888712	May 26, 1908	Combined water filter and regulating tap.	Feb. 28	Mar. 24	Q-105	327
888837	May 26, 1908	Red azo dye	Feb. 26	Apr. 9	L-106	419
888852	May 26, 1908	Brown vat dye	Feb. 26	Apr. 9	L-106	419
888857	May 26, 1908	Brom-valeric-acid-menthol ester	Mar. 1	Mar. 25	Z-106	259
888981	May 26, 1908	Making red azo dye lakes	Feb. 26	Apr. 9	L-106	419
889010	May 26, 1908	Making methylthiophenol ortho-carboxylix acid.	Feb. 26	Apr. 9	L-106	419

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			1919.	1919.		
889799	June 2, 1908	Process for the approximate separation of reaction products resulting from the sulfonation of aromatic bodies.	Feb. 27	Mar. 21	Y-106	186
889936	June 9, 1908	Brown sulfur dye and process of making same.	Feb. 26	Mar. 22	J-106	269
890078	June 9, 1908	Process for the production of soap powder.	Feb. 26	Mar. 22	J-106	266
890175	June 9, 1908	Door for furnaces and the like	Feb. 28	Mar. 22	U-106	208
890249	June 9, 1908	Process of obtaining pure tin from crude tin or tin alloys electrolytically.	Feb. 28	Mar. 25	Y-106	315
890254	June 9, 1908	Process of making lakes	Feb. 28	Mar. 22	V-106	309
890596	June 16, 1908	Device for filling apparatus for making patterns in linoleum.	Feb. 28	Mar. 21	U-106	140
891218	June 16, 1908	Cellulose derivative	Feb. 26	Mar. 22	V-106	292
891567	June 23, 1908	Compound for combatting fungoid diseases of plants.	Mar. 1	Mar. 25	T-106	337
891677	June 23, 1908	Manufacture of aluminates	Feb. 26	Mar. 22	J-106	269
891703	June 23, 1908	Removal of arsenic from liquids and gases.	Feb. 26	Mar. 22	J-106	269
891753	June 23, 1908	Oxidation of methane	Feb. 27	Mar. 25	I-106	377
891775	June 23, 1908	Removal of arsenic from liquids and gases.	Feb. 26	Mar. 22	J-106	269
891866	June 30, 1908	Process of preparing india rubber for vulcanization.	Feb. 26	Mar. 24	X-106	408
891982	June 30, 1908	Electrolytic process for the production of metallic dark coatings upon metals.	Feb. 25	Mar. 21	H-106	263
892178	June 30, 1908	Process of producing ammonium chlorid.	Feb. 18	Mar. 24	K-106	355
892186	June 30, 1908	Process of dehydrating sodium thydrosulfite.	Feb. 26	Apr. 9	L-106	419
892188	June 30, 1908	Process for separating and simultaneously extracting water from mineral, vegetable and animal substances.	Feb. 26	Apr. 9	L-106	419
892414	July 7, 1908	Process for preparation of phthalic acid salts of cotarnin and product resulting therefrom.	Feb. 26	Mar. 22	S-106	254
892593	July 7, 1908	Device for emptying superphosphate chambers.	Mar. 1	Mar. 21	G-106	257
892897	July 7, 1908	[illegible] vat dye	Mar. 22	Mar. 26	T-106	362
892955	July 7, 1908	Apparatus for gas analysis	Feb. 26	Mar. 22	X-106	332
893129	July 14, 1908	Process of producing a horn-like substance from casein.	Mar. 1	Mar. 22	S-106	254
893308	July 14, 1908	Process of making dialkylbarbituric acid.	Feb. 26 Apr. 8	Mar. 24 Apr. 9	W-106 V-106	414 488
893499	July 14, 1908	Process of making sulfur dyes and their leuco bodies.	Feb. 26	Apr. 9	L-106	419
894004	July 21, 1908	Process of making alpha-oxythionaphthenes.	Feb. 26	Apr. 9	L-106	419
894005	July 21, 1908	Process of making sulfurized dyes.	Feb. 26	Apr. 9	L-106	419
894006	July 21, 1908	Sulfurous leuco body and process of making same.	Feb. 26	Apr. 9	L-106	419
894070	July 21, 1908	Extraction of water or other liquid from mineral vegetable and animal substances.	Feb. 26	Apr. 9	L-106	419
894148	July 21, 1908	Process of producing dichlorethoxyethylene.	Feb. 28	Mar. 24	V-106	327
894149	July 21, 1908	Process of producing glycin derivatives.	Feb. 28	Mar. 24	V-106	327
894159	July 21, 1908	Process of producing paints and other coatings.	Feb. 27	Mar. 22	J-106	276
894490	July 28, 1908	Process for the production of pure caoutchouc.	Feb. 26	Mar. 22	Y-106	220
894647	July 28, 1908	Method for coking hydrous bituminous combustibles.	Feb. 28	Mar. 25	Z-106	254

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			1919.	1919.		
894707	July 28, 1908	Explosive compound	Feb. 28	Mar. 24	Y-106	305
894741	July 28, 1908	Galvanizing sheet metal	Feb. 28	Mar. 24	L-106	269
894994	Aug. 4, 1908	Process of manufacturing barbituric acid.	Feb. 26 Apr. 8	Mar. 24 Apr. 9	W-106 V-106	414 488
895689	Aug. 11, 1908	Process of making indophenol-like condensation products.	Feb. 26	Mar. 22	H-106	329
895708	Aug. 11, 1908	Automatic apparatus for gas analysis.	Feb. 26	Mar. 22	Y-106	233
895800	Aug. 11, 1908	Process for the manufacture of brewers' pitch.	Feb. 28	Mar. 21	U-106	175
895930	Aug. 11, 1908	Process of electrolytically producing chromic acid from chromic sulfate.	Mar. 1	Mar. 21	I-106	230
896184	Aug. 18, 1908	Apparatus for the electrolysis of fluids.	Mar. 1	Mar. 22	S-106	277
896551	Aug. 18, 1908	Method of cooling soap	Feb. 28	Mar. 24	Z-106	210
896752	Aug. 25, 1908	Malting process	Feb. 28	Mar. 22	T-106	256
896887	Aug. 25, 1908	Explosive	Feb. 28	Mar. 25	T-106	317
897160	Aug. 25, 1908	Process for the production of tooth cement.	Feb. 27	Mar. 25	I-106	366
897334	Sept. 1, 1908	Method of manufacturing elastic material.	Feb. 28	Mar. 21	I-106	227
897439	Sept. 1, 1908	Apparatus for making lampblack	Feb. 28	Mar. 21	P-106	293
897546	Sept. 1, 1908	Process of preparing carbonic-acid baths.	Mar. 1	Mar. 24	P-106	341
897735	Sept. 1, 1908	Process of freeing waste waters containing cyanids and sulfocyanids from poison.	Feb. 25	Mar. 21	X-106	310
897764	Sept. 1, 1908	Tea product and process of making same.	Feb. 28	Mar. 26	H-106	419
898033	Sept. 8, 1908	Process of making nitric acid	Feb. 28	Mar. 21	Q-106	245
898144	Sept. 8, 1908	Process of nitrating solvent naphtha.	Feb. 26	Mar. 25	U-106	293
898246	Sept. 8, 1908	Method of impregnating timber and the like.	Feb. 24	Mar. 21	I-106	264
898311	Sept. 8, 1908	Process of manufacturing new compounds of proteids with bismuth iodid.	Feb. 25	Mar. 22	X-106	321
898378	Sept. 8, 1908	Manufacture of sulfur, etc	Feb. 28	Mar. 25	U-106	280
898382	Sept. 8, 1908	Process of preparing substitutes for shellac.	Feb. 28	Mar. 22	L-106	236
898439	Sept. 15, 1908	Horizontal regenerative coke oven, etc.	Feb. 25	Mar. 21	H-106	270
898476	Sept. 15, 1908	Ship's paint	Feb. 26	Mar. 24	L-106	262
898638	Sept. 15, 1908	Process of casting copper and copper alloys.	Feb. 26	Mar. 24	R-106	315
898738	Sept. 15, 1908	Oxid of thiendigo dyes	Feb. 26	Apr. 9	L-106	419
899503	Sept. 29, 1908	Iron structure for oven buildings	Feb. 28	Mar. 21	I-106	259
899581	Sept. 29, 1908	Method of producing solid hard pieces from pulverulent material of any origin.	Feb. 28	Mar. 26	V-106	400
899908	Sept. 29, 1908	Exposure plate for copying apparatus.	Mar. 1	Mar. 24	H-106	366
900038	Sept. 29, 1908	Process of treating extracts of quebracho.	Feb. 28	Mar. 24	R-106	344
900204	Oct. 6, 1908	Chemical product resembling celluloid and process for producing the same.	Feb. 27	Mar. 25	V-106	358
900274	Oct. 6, 1908	Process for the production of a soluble gum.	Feb. 28	Mar. 22	T-106	242
900276	Oct. 6, 1908	Means for pressing hollow bodies having depressions of cavities at their outer sides.	Feb. 28	Mar. 22	H-106	298
900471	Oct. 6, 1908	Process of making nitric acid	Feb. 25	Mar. 21	Y-106	181
900502	Oct. 6, 1908	Electrode for electrolytic purposes.	Feb. 28	Mar. 24	V-106	311
900686	Oct. 6, 1908	Wood substitute	Feb. 28	Mar. 25	I-106	365
900688	Oct. 6, 1908	Process of making sulfuric acid	Feb. 25	Mar. 21	Y-106	181
901009	Oct. 13, 1908	Process of making chloracetic ether	Feb. 28	Mar. 24	V-106	327

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
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			1919.	1919.		
901218	Oct. 13, 1908	Process of producing pictures and photographic-printing plates.	Feb. 28	Mar. 22	V-106	300
901293	Oct. 13, 1908	Process for the preparation of borneol esters from turpentine.	Feb. 26	Mar. 24	W-106	395
901298	Oct. 13, 1908	Process of producing diformin	Feb. 28	Mar. 26	J-106	387
901599	Oct. 20, 1908	Method of producing a new ceramic mass and of manufacturing pottery.	Feb. 28	Mar. 22	R-106	293
901708	Oct. 20, 1908	Process of making camphor	Feb. 26	Mar. 24	W-106	393
901709	Oct. 20, 1908	Process of making iodin products.	Feb. 26	Mar. 24	W-106	395
901718	Oct. 20, 1908	Process for bleaching fats, oils, resins, waxes, and the like.	Feb. 28	Mar. 25	P-106	368
901746	Oct. 20, 1908	Process of making concentrated liquid dyestuffs.	Feb. 26	Apr. 9	L-106	419
901905	Oct. 20, 1908	Process of producing hydroxy-fatty acids.	Feb. 28	Mar. 24	V-106	327
902177	Oct. 27, 1908	Apparatus for treating oleic acid	Feb. 28	Mar. 21	S-106	235
902234	Oct. 27, 1908	Process for the production of an organic soluble iron preparation.	Feb. 28	Mar. 21	U-106	167
902260	Oct. 27, 1908	Process of obtaining metallic oxids.	Feb. 28	Mar. 22	K-106	322
903062	Nov. 3, 1908	Manufacture of bricks, shaped stones, or blocks, tubes, tiles, and the like.	Feb. 25	Mar. 22	U-106	197
903135	Nov. 3, 1908	Process of making sodium thiosulfate.	Feb. 26	Mar. 24	Y-106	270
903136	Nov. 3, 1908	Process of producing sodium hydrosulfid.	Feb. 26	Mar. 21	Y-106	270
903287	Nov. 10, 1908	Process of the manufacture of insulating materials.	Feb. 28	Mar. 22	X-106	335
903588	Nov. 10, 1908	Manufacture of sodium arylamins.	Feb. 26	Mar. 22	J-106	275
903833	Nov. 17, 1908	Process of mordanting fibrous material.	Feb. 25	Mar. 21	T-106	306
903853	Nov. 17, 1908	Process of disinfection	Feb. 28	Mar. 25	Z-106	248
903951	Nov. 17, 1908	Process for the electrolysis of liquids	Feb. 25	Mar. 21	Z-106	128
903967	Nov. 17, 1908	Sodium perborate containing borax and method of producing same.	Feb. 28	Mar. 22	T-106	242
904114	Nov. 17, 1908	Method of softening water	Mar. 1	Mar. 24	X-106	354
[1]13338	Dec. 12, 1911	Treatment of liquids	Mar. 1	Mar. 21	X-106	354
904263	Nov. 17, 1908	Process of obtaining metals from their ores.	Feb. 26	Mar. 21	G-106	253
904315	Nov. 17, 1908	Dyeing apparatus	Feb. 25	Mar. 22	Z-106	160
904483	Nov. 17, 1908	Process of decolorizing tannin extracts.	Feb. 26	Mar. 22	I-106	309
904531	Nov. 24, 1908	Process of making homogeneous bodies from tantalum metal or other refractory metals.	Feb. 25	Mar. 24	T-106	200
905264	Dec. 1, 1908	Process of making lake colors	Feb. 28	Mar. 21	J-106	233
905613	Dec. 1, 1908	Treatment of blast-furnace slag for production of hydraulic cement.	Feb. 28	Mar. 21	U-106	133
906307	Dec. 8, 1908	Process of obtaining curative animal serum.	Feb. 25	Mar. 22	Z-106	130
906306	Dec. 8, 1908	Process for vulcanizing a rubber solution.	Feb. 28	Mar. 21	U-106	167
906307	Dec. 8, 1908	Manufacture of indigo-white preparations suitable for fermentation vats.	Feb. 26	Apr. 9	L-106	419
906421	Dec. 8, 1908	Ortho-oxy-monoazo dye and process of making same.	Feb. 26	Mar. 22	H-106	301
906422	Dec. 8, 1908	Yellow monoazo dyestuff	Feb. 26	Mar. 22	H-106	301
906869	Dec. 15, 1908	Electrolytic apparatus for use in the manufacture of bleaching liquors.	Feb. 28	Mar. 22	H-106	319
906870	Dec. 15, 1908	Preparing magnesium and alloys thereof for casting.	Feb. 26	Mar. 22	J-106	269
906937	Dec. 15, 1908	Alloy	Feb. 28	Mar. 25	T-106	331
907007	Dec. 15, 1908	Safety-explosive	Feb. 26	Mar. 22	I-106	286
907016	Dec. 15, 1908	Acyl derivative of para-amino, phenylarsinic acid.	Feb. 26	Apr. 9	L-106	419

[1] Reissue.

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			1919.	1919.		
907017	Dec. 15, 1908	Diaminobenzoic-acid alkamin ester.	Feb. 26	Apr. 9	L-106	419
907066	Dec. 15, 1908	Radio-active mass	Feb. 27	Mar. 25	P-106	369
907084	Dec. 22, 1908	Process of manufacturing dialkyl-barbituric acid.	Feb. 26	Mar. 24	W-106	414
907085	Dec. 22, 1908	Process of manufacturing barbituric acid.	Feb. 26	Mar. 24	W-106	414
907937	Dec. 29, 1908	Process of dyeing sulfur dyes	Feb. 26	Apr. 9	L-106	419
907941	Dec. 29, 1908	Process for the manufacture of acid esters of cyclical terpene alcohols.	Feb. 28	Mar. 24	K-106	365
907943	Dec. 29, 1908	Carbonated-ferruginous-bath composition.	Feb. 26	Mar. 22	P-106	306
907978	Dec. 29, 1908	Hydroxyarylarsenoxid	Feb. 26	Apr. 9	L-106	419
908051	Dec. 29, 1908	Manufacture of acetylene tetrachlorid.	Feb. 26	Mar. 22	J-106	269
908580	Jan. 5, 1909	Monoazo dye and process of making same.	Feb. 28	Mar. 24	H-106	346
908606	Jan. 5, 1909	Method of making sulfuric acid	Feb. 28	Mar. 25	L-106	299
908837	Jan. 5, 1909	Combustible mixture for producing actinic light.	Feb. 25	Mar. 21	Z-106	117
908912	Jan. 5, 1909	Apparatus for treating briquets	Feb. 28	Mar. 21	P-106	287
909380	Jan. 12, 1909	Arsenophenol	Feb. 26	Apr. 9	L-106	419
909703	Jan. 12, 1909	Ketone sulfoxylate and process of making same.	Feb. 26	Apr. 9	L-106	419
909831	Jan. 12, 1909	Process for preparing printing plates by means of electrolytic etching.	Feb. 28	Mar. 21	G-106	281
910030	Jan. 19, 1909	Azo lake and process of making same.	Feb. 28	Mar. 25	J-106	337
910394	Jan. 19, 1909	Process for the reduction of refractory oxids.	Feb. 28	Mar. 25	U-106	281
910490	Jan. 26, 1909	Manufacture of large crystals	Feb. 28	Mar. 21	Z-106	126
910520	Jan. 26, 1909	Method of manufacturing solutions of caoutchouc.	Feb. 25	Mar. 24	T-106	290
910594	Jan. 26, 1909	Process for the production of soluble starch.	Feb. 28	Mar. 21	K-106	282
910827	Jan. 26, 1909	Vegetable butter capable of being spread.	Feb. 28	Mar. 24	R-106	335
911186	Feb. 2, 1909	Red monoazo dye	Feb. 28	Mar. 25	J-106	337
911547	Feb. 2, 1909	Process for hardening calcareous artificial-stone substances by means of carbonic acid.	Feb. 28	Mar. 24	P-106	346
911801	Feb. 9, 1909	Gas generator	Feb. 25	Mar. 26	P-106	381
912138	Feb. 9, 1909	Orange lake dye and process of making same.	Feb. 26	Mar. 22	H-106	301
912581	Feb. 16, 1909	Quicksilver closure for fermentation vessels.	Feb. 26	Mar. 24	P-106	359
912733	Feb. 16, 1909	Process of densifying a nitrohydrocarbon composition.	Mar. 1	Mar. 22	Y-106	242
913280	Feb. 23, 1909	Process of producing printing plates.	Mar. 1	Mar. 21	U-106	148
913311	Feb. 23, 1909	Manufacture of new stable iodin compounds of fats.	Feb. 26 Apr. 8	Mar. 24 Apr. 9	W-106 V-106	414 488
913426	Feb. 23, 1909	Process of converting catechin into a catechu-tannic acid.	Feb. 28	Mar. 26	L-106	341
913500	Feb. 23, 1909	Process of recovering purifying materials.	Feb. 26	Mar. 22	G-106	310
913653	Feb. 23, 1909	Process of manufacturing nitroglycerin.	Feb. 25	Mar. 22	Y-106	204
913940	Mar. 2, 1909	Manufacture of homologues of para-aminophenylarsinic acids.	Feb. 26	Apr. 9	L-106	419
914113	Mar. 2, 1909	Gunpowder	Feb. 28	Mar. 25	Q-106	343
914153	Mar. 2, 1909	Apparatus for separating solid bodies from liquids by cooling.	Mar. 1	Mar. 24	R-106	348
914271	Mar. 2, 1909	Process of making infusible sodium sulfid.	Feb. 26	Mar. 24	Y-106	270
914518	Mar. 9, 1909	Alpha-halogen-isovaleryl-urea and process of making the same.	Feb. 26	Mar. 22	V-106	292
914624	Mar. 9, 1909	Explosive mixture for combustion engines.	Feb. 28	Mar. 25	U-106	290

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			1919.	1919.		
914644	Mar. 9, 1909	Obtaining animal serum	Feb. 25	Mar. 22	Z-106	130
914813	Mar. 9, 1909	Process of producing nitric oxids and nitric acid.	Feb. 28	Mar. 24	Z-106	193
915165	Mar. 16, 1909	Manufacture of explosives	Feb. 28	Mar. 24	Q-106	314
915169	Mar. 16, 1909	Process for extracting fatty substances from fresh (unbroken) oil fruits, moist raw wool, and the like.	Feb. 25	Mar. 22	Y-106	228
915192	Mar. 16, 1909	Smelting furnace	Feb. 28	Mar. 21	M-106	354
915488	Mar. 16, 1909	Furnace for the treatment of metals.	Mar. 1	Mar. 25	H-106	397
915660	Mar. 16, 1909	Horizontal coke oven	Feb. 25	Mar. 21	H-106	270
916004	Mar. 23, 1909	Process of rendering lithopone more stable against light.	Feb. 27	Mar. 25	S-106	323
916029	Mar. 23, 1909	Red-violet dye and process of making same.	Mar. 22	Mar. 26	T-106	362
916030	Mar. 23, 1909	Vat dye and process of making same.	Feb. 26	Apr. 9	L-106	410
916031	Mar. 23, 1909	Highly brominated indigoes and process of making same.	Feb. 26	Apr. 9	L-106	419
916033	Mar. 23, 1909	Process of producing electro-deposits which can be removed from their base.	Feb. 28	Mar. 25	I-106	354
917096	Apr. 6, 1909	Theobromin double salts	Mar. 1	Mar. 25	Z-106	259
917828	Apr. 13, 1909	Process for the manufacture of soaps containing peroxids.	Mar. 1	Mar. 21	J-106	239
918397	Apr. 13, 1909	Process of obtaining goffering effects on yarns, tissues, or the like.	Feb. 28	Mar. 25	Z-106	271
918525	Apr. 20, 1909	Manufacture on the paper machine of paper having relief-like effect.	Feb. 26	Apr. 9	L-106	410
918558	Apr. 20, 1909	Flash-light powder	Feb. 28	Mar. 24	H-106	358
918589	Apr. 20, 1909	Apparatus for separating nitrogen and oxygen from mixtures containing them.	Feb. 28	Mar. 21	Q-106	267
918818	Apr. 20, 1909	Flash-light composition	Feb. 25	Mar. 21	Z-106	117
918920	Apr. 20, 1909	Highly brominated halogen indigoes and process of making same. (Patent No. 1043468 is a division of above.)	Feb. 26	Apr. 9	L-106	419
919031	Apr. 20, 1909	Process for rendering material of any kind proof against the action of moisture and of chemical agents.	Feb. 28	Mar. 31	M-106	365
919161	Apr. 20, 1909	Theophyllin compound	Feb. 26	Mar. 22	H-106	313
919457	Apr. 27, 1909	Galvanic cell	Feb. 28	Mar. 25	K-106	378
919493	Apr. 27, 1909	Refining steel	Mar. 1	Mar. 22	V-106	301
919884	Apr. 27, 1909	Manufacture of lubricating and anticorrosive oils.	Feb. 26	Mar. 24	U-106	238
920078	Apr. 27, 1909	Electrical furnace	Feb. 28	Mar. 24	K-106	352
920601	May 4, 1909	Process of making metal sulfates	Feb. 27	Mar. 24	T-106	305
920604	May 4, 1909	Indicator for testing liquids with respect to viscosity.	Mar. 1	Mar. 21	Y-106	187
920881	May 4, 1909	Radium compound and process of making same.	Mar. 1	Mar. 21	T-106	221
921148	May 11, 1909	Process for regenerating rubber waste of all kinds.	Feb. 27	Mar. 21	X-106	302
921329	May 11, 1909	Process of making sodium sulfate and sulfuric acid.	Mar. 1	Mar. 24	K-106	343
921382	May 11, 1909	Furniture polish and process for producing same.	Feb. 28	Mar. 24	Q-106	311
922003	May 18, 1909	Process of making ammonia	Feb. 26	Mar. 21	M-106	341
922040	May 18, 1909	Aralkyl-para-aminophenol	Feb. 25	Apr. 9	Z-106	358
922340	May 18, 1909	Manufacture of objects from cellulose acetate.	Feb. 25	Mar. 22	Y-106	234
922538	May 25, 1909	Santalol esters	Mar. 1	Mar. 25	Z-106	259
923310	June 1, 1909	Apparatus for treating fibrous material with liquids.	Feb. 28	Mar. 24	U-106	263

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			1919.	1919.		
923342	June 1, 1909	Dyeing apparatus	Feb. 25	Mar. 22	Z-106	160
923635	June 1, 1909	Hair dye	Feb. 26	Mar. 22	H-106	301
923761	June 1, 1909	Process of producing nitro compounds.	Feb. 28	Mar. 24	H-106	338
924304	June 8, 1909	Process of making dichlorethylene.	Feb. 28	Mar. 24	Y-106	256
924494	June 8, 1909	Process of preparing pure lactic acid.	Feb. 25 Mar. 1	Mar. 21 Mar. 22	X-106 L-106	310 248
924584	June 8, 1909	Process of obtaining pure caoutchouc, gutta-percha, and the like.	Feb. 26	Mar. 24	X-106	410
924979	June 15, 1909	Process of treating fabrics with fluids.	Feb. 26	Mar. 26	Z-106	274
925419	June 15, 1909	Process of increasing the density of fusible explosive nitro-substances.	Mar. 1	Mar. 21	Z-106	122
925468	June 22, 1909	Apparatus for producing and multiplying relievos after pictures.	Mar. 1	Mar. 25	Q-106	354
925651	June 22, 1909	Means for operating the doors of retort furnaces, coke ovens, and the like from a distance.	Feb. 28	Mar. 21	T-106	294
926058	June 22, 1909	Preparation of chloroform in a solid condition.	Feb. 26	Mar. 25	R-106	388
925798	June 22, 1909	Apparatus for producing homogeneous ductile bodies from metals of a highly refractory nature.	Feb. 25	Mar. 24	T-106	290
926210	June 29, 1909	Apparatus for the fractional distillation, condensation, and rectification of liquids.	Feb. 28	Mar. 22	X-106	342
926999	July 6, 1909	Process of producing digestible substances from keratin.	Feb. 28	Mar. 24	K-106	361
927198	July 6, 1909	Process for the production of a leather substitute.	Feb. 28	Mar. 24	W-106	419
927342	July 6, 1909	Process of recovering sulfur	Feb. 26	Mar. 22	T-106	248
927370	July 6, 1909	Manufacture of tiled linoleum	Feb. 28	Mar. 24	T-106	313
927457	July 6, 1909	Process of bleaching	Feb. 27	Mar. 24	U-106	229
927678	July 13, 1909	Preparation of iron or steel for casting.	Feb. 26	Mar. 22	J-106	269
927916	July 13, 1909	Process of recovering volatile metals and metalloids from lead and copper slags.	Feb. 18	Mar. 25	U-106	303
928053	July 13, 1909	Elastic composition	Feb. 28	Mar. 25	Z-106	255
928545	July 20, 1909	Process of making nitric acid	Feb. 28	Mar. 25	R-106	376
928734	July 20, 1909	Process for the electrolysis of alkali chlorids.	Feb. 28	Mar. 22	X-106	323
929452	July 27, 1909	Soluble-iron-albuminate preparation.	Feb. 26	Mar. 24	P-106	338
929861	Aug. 3, 1909	Process for obtaining starch and gluten from wheat flour.	Feb. 25	Mar. 21	G-106	267
930054	Aug. 3, 1909	Bromisovaleric ester of the bronzols	Feb. 25	Apr. 9	Z-106	356
930087	Aug. 3, 1909	Atomizer for paint or the like	Feb. 28	Mar. 21	T-106	214
930167	Aug. 3, 1909	Filter	Feb. 25	Mar. 21	K-106	371
930344	Aug. 10, 1909	Process of treating titaniferous iron ores.	Feb. 25	Mar. 21	T-106	194
930375	Aug. 10, 1909	Process relating to refractory substances.	Feb. 28	Mar. 25	J-106	332
930801	Aug. 10, 1909	Method of manufacturing a porous material.	Mar. 1	Mar. 26	Z-106	304
930836	Aug. 10, 1909	Process of manufacturing soluble compounds of mercuric salts with hexamethylene tetramin.	Feb. 25	Mar. 22	X-106	321
930874	Aug. 10, 1909	Cellulose substitute	Feb. 28	Mar. 21	Y-106	196
930909	Aug. 10, 1909	Process of making extracts	Feb. 28	Mar. 24	W-106	422
931513	Aug. 17, 1909	Electrode	Feb. 26	Mar. 22	J-106	269
931634	Aug. 17, 1909	Colored cellulose article	Feb. 27	Mar. 24	Z-106	223
931945	Aug. 24, 1909	Process for melting and working quartz glass.	Feb. 27	Mar. 24	I-106	336
932067	Aug. 24, 1909	Process of making iron-free alum.	Feb. 27	Mar. 25	H-106	392
932077	Aug. 24, 1909	Igniting appliance for safety fuses.	Mar. 1	Mar. 25	T-106	353
932219	Aug. 24, 1909	Water filter	Feb. 28	Mar. 21	J-106	331

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			1919.	1919.		
932334	Aug. 24, 1909	Brominated beta-naphthylindigo	Feb. 26	Apr. 9	L-106	419
932408	Aug. 24, 1909	Filtering device	Feb. 28	Mar. 22	L-106	238
932643	Aug. 31, 1909	Process of leaching copper ores	Feb. 24	Mar. 21	S-106	224
932706	Aug. 31, 1909	Artificial-stone composition	Feb. 28	Mar. 22	L-106	283
932739	Aug. 31, 1909	Device for severing metals	Feb. 26	Mar. 22	J-106	289
932740	Aug. 31, 1909	Device for severing metal bodies	Feb. 26	Mar. 22	J-106	289
932758	Aug. 31, 1909	Method of recovering ammonia from coal gases	Feb. 25	Mar. 21	Z-106	137
932986	Aug. 31, 1909	Transforming smelting furnace	Feb. 26	Mar. 24	Y-106	260
933269	Sept. 7, 1909	Manufacture of agglomerated bodies from blast-furnace dust.	Feb. 25	Mar. 22	Y-106	240
933270	Sept. 7, 1909	Manufacture of coherent bodies from blast-furnace dust.	Feb. 25	Mar. 22	Y-106	240
934020	Sept. 14, 1909	Explosive	Feb. 28	Mar. 21	H-106	292
934110	Sept. 14, 1909	Apparatus for removing lye from fabrics.	Feb. 28	Mar. 24	L-106	291
934235	Sept. 14, 1909	Process for cutting metal objects	Mar. 1	Mar. 21	K-106	288
934302	Sept. 14, 1909	Brown sulfur dye	Feb. 26	Mar. 22	H-106	301
934303	Sept. 14, 1909	Olive sulfur dye	Feb. 26	Mar. 22	H-106	301
934349	Sept. 14, 1909	Continuous juice extraction by diffusion.	Feb. 28	Mar. 22	T-106	261
934385	Sept. 14, 1909	Apparatus for the electrolysis of alkali chlorids.	Feb. 28	Mar. 22	X-106	323
934467	Sept. 21, 1909	Manufacture of chlorin compound of lime.	Feb. 26	Mar. 22	J-106	289
934844	Sept. 21, 1909	Disinfectant	Feb. 28	Mar. 22	K-106	309
934892	Sept. 21, 1909	Smelting furnace	Mar. 1	Mar. 24	Z-106	191
934966	Sept. 21, 1909	Separator	Feb. 28	Mar. 25	I-106	371
934988	Sept. 28, 1909	Process of making durable carbon electrodes for electrolytical purposes.	Feb. 25	Mar. 21	I-106	229
935109	Sept. 28, 1909	Apparatus for the electrolysis of aqueous solutions.	Feb. 25	Mar. 24	T-106	290
935234	Sept. 28, 1909	Process for reducing the amount of carbon in cast iron or articles cast from iron.	Mar. 1	Mar. 25	T-106	329
935250	Sept. 28, 1909	Electrolytic winning of zinc from solution of zinc sulfate.	Feb. 25	Mar. 24	T-106	290
935414	Sept. 28, 1909	Rubber	Feb. 28	Mar. 25	F-106	373
935606	Sept. 28, 1909	Process of obtaining chlor-acetic acid.	Feb. 28	Mar. 24	V-106	327
935815	Oct. 5, 1909	Process of preparing zinc formaldehyde sulfoxylate.	Feb. 28	Mar. 25	V-106	354
935849	Oct. 5, 1909	Apparatus for washing caoutchouc, gutta-percha, and similar substances.	Apr. 22 Apr. 22 Feb. 28	Apr. 23 Apr. 23 Mar. 24	S-107 V-107 Q-106	3 43 325
936010	Oct. 5, 1909	Process and machine for marbleizing paper and the like.	Feb. 25	Mar. 21	Y-106	182
936260	Oct. 5, 1909	Process of making a red azo dye	Feb. 28	Mar. 25	J-106	337
936380	Oct. 12, 1909	1 - para-dialkylaminoaryl - 2-4-dialkyl - 3 - oxymethyl - 5 - pyrazolone.	Feb. 26	Apr. 9	L-106	491
936382	Oct. 12, 1909	Process of deoxidising slags	Mar. 1	Mar. 22	V-106	301
936635	Oct. 12, 1909	Apparatus for washing caoutchouc and similar substances.	Apr. 22 Apr. 22 Mar. 22	Apr. 23 Apr. 23 Mar. 26	V-107 S-107 U-106	43 3 316
937194	Oct. 19, 1909	Process of making sulfurous-acid compound of alphaisatin anilid.	Feb. 28	Mar. 24	P-106	357
937488	Oct. 19, 1909	Process of producing steel free from protoxids.	Mar. 1	Mar. 22	V-106	301
937720	Oct. 19, 1909	Process of tanning skins and hides	Feb. 25	Mar. 22	Y-106	199
937741	Oct. 19, 1909	Azo dye	Feb. 28	Mar. 25	J-106	337
937929	Oct. 26, 1909	Derivative of aminoarylarsinic acid.	Feb. 26	Apr. 9	L-106	491
937965	Oct. 26, 1909	Extraction of copper from raw unroasted ores and other products.	Feb. 25	Mar. 21	S-106	223
938128	Oct. 26, 1909	Neutralising solutions of salts	Feb. 26	Mar. 22	L-106	216
938132	Oct. 26, 1909	Guaiacol carbonate sulfo-acid derivative.	Feb. 25	Mar. 22	Y-106	199

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			1919.	1919.		
938939	Nov. 2, 1909	New mercury salt of para-amino-phenylarsinic acid.	Feb. 26	Mar. 22	H-106	301
939097	Nov. 2, 1909	Process of preparing a preventative of tuberculosis.	Feb. 28	Mar. 25	T-106	324
939742	Nov. 9, 1909	Treatment of quebracho extract	Feb. 28	Mar. 24	G-106	334
940394	Nov. 16, 1909	Tannin - containing extract and process of producing same.	Feb. 28	Mar. 21	M-106	371
940398	Nov. 16, 1909	Process for the production of soap powders.	Feb. 26	Mar. 22	J-106	266
940858	Nov. 23, 1909	Apparatus for dyeing yarn	Mar. 1	Mar. 24	I-106	320
941071	Nov. 23, 1909	Process of making thorium sulfid	Mar. 1	Mar. 24	T-106	285
941088	Nov. 23, 1909	Azo dye and process of making same.	Feb. 26	Apr. 9	L-106	419
941423	Nov. 30, 1909	Process of making preventive and curative lymph.	Feb. 28	Mar. 24	H-106	354
941768	Nov. 30, 1909	Electric furnace for gas reactions	Feb. 28	Mar. 24	Z-106	193
941785	Nov. 30, 1909	Process of producing a mineral-oil emulsion.	Mar. 1	Mar. 24	R-106	323
942379	Dec. 7, 1909	Method of manufacturing dynamo brushes, etc.	Feb. 28	Mar. 25	Q-106	351
942395	Dec. 7, 1909	Method of improving textile fibres, threads, and fabrics.	Feb. 28	Mar. 21	M-106	359
942074	Dec. 7, 1909	Method of making diphenylortho-oxalic esters.	Feb. 28	Mar. 22	K-106	309
942916	Dec. 14, 1909	Red azo dye for lakes and process of making same.	Feb. 28	Mar. 21	M-106	335
943403	Dec. 14, 1909	Melting hearth for electric induction furnaces.	Mar. 1	Mar. 21	U-106	161
943538	Dec. 14, 1909	Mordant-dyeing azo dyes	Feb. 26	Mar. 22	H-106	301
943632	Dec. 14, 1909	Apparatus for treating fabrics with fluids.	Feb. 26 Feb. 28	Mar. 26 Mar. 21	Z-106 U-106	274 151
943678	Dec. 21, 1909	Leuco body containing sulfur and process of making same.	Feb. 26	Apr. 9	L-106	419
943717	Dec. 21, 1909	Brown anthraquinone dye and process of making same.	Feb. 26	Apr. 9	L-106	419
943724	Dec. 21, 1909	Process of briqueting metallic iron.	Feb. 28	Mar. 22	S-106	284
944372	Dec. 28, 1909	Process of preparing organic compounds containing the acetyl group.	Feb. 24	Mar. 21	Y-106	193
944738	Dec. 28, 1909	Medicament for diseases of the mucous membrane.	Feb. 26	Mar. 24	U-106	249
944957	Dec. 28, 1909	Water-glass compound and process of making the same.	Feb. 26	Mar. 22	J-106	250
945026	Jan. 4, 1910	Method of producing jointless material for covering walls and the like.	Mar. 1	Mar. 22	T-106	236
945338	Jan. 4, 1910	Sprayer for glue-pain, liquid glue, and the like.	Feb. 28	Mar. 21	Y-106	183
946171	Jan. 11, 1910	Device for spinning glass	Mar. 1	Mar. 24	Z-106	241
946470	Jan. 11, 1910	Process of making screens for color photography.	Feb. 26	Mar. 22	H-106	301
946529	Jan. 18, 1910	Method of making durable solutions of peroxid of hydrogen.	Feb. 25	Mar. 22	Y-106	211
946551	Jan. 18, 1910	Process of producing powdered metallic tungsten or other hexavalent high-fusing-point metals.	Feb. 28	Mar. 24	W-106	400
946633	Jan. 18, 1910	Hair tonic	Feb. 25	Mar. 21	Z-106	118
946676	Jan. 18, 1910	Apparatus for manufacturing leaf metal and the like.	Mar. 1	Mar. 24	S-106	320
947030	Jan. 18, 1910	Vat dyeing and process of making same.	Feb. 26	Apr. 9	L-106	419
947078	Jan. 18, 1910	Process of manufacturing lactic acid	Feb. 26	Mar. 24	U-106	231
947856	Feb. 1, 1910	Filter	Feb. 28	Mar. 25	S-106	337
948084	Feb. 1, 1910	Esters of diglycollic acid and preparation of same.	Feb. 25	Mar. 22	Y-106	199
948572	Feb. 8, 1910	Process of manufacturing linoleum.	Feb. 28	Mar. 21	U-106	140
948930	Feb. 8, 1910	Process of preparing medicaments.	Feb. 28	Mar. 22	L-106	235
949357	Feb. 15, 1910	Filter	Feb. 28	Mar. 21	S-106	216

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949633	Feb. 15, 1910	Azo dye for chromed wool and process of making same.	Feb. 26	Mar. 22	H-106	301
949863	Feb. 22, 1910	Manufacture of linoleum and the like.	Feb. 28	Mar. 24	U-106	264
949920	Feb. 22, 1910	Striking surface on safety match boxes, etc.	Feb. 28	Mar. 24	J-106	312
950392	Feb. 22, 1910	Substitute for celluloid	Feb. 28	Mar. 22	G-106	306
950869	Mar. 1, 1910	Process of producing an amorphous tungsten powder.	Feb. 28	Mar. 22	Q-106	297
950936	Mar. 1, 1910	Process of making the N-propyl-ester of P-aminobenzoic acid.	Feb. 26	Mar. 22	J-106	278
951113	Mar. 8, 1910	Refractory substance	Feb. 28	Mar. 22	K-106	302
951243	Mar. 8, 1910	Process of making sodium carbonate.	Feb. 26	Mar. 24	Y-106	270
951811	Mar. 15, 1910	Utilization of waste rubber	Feb. 26	Mar. 21	R-106	320
952484	Mar. 22, 1910	Method of lixiviating ores	Feb. 25	Mar. 21	S-106	223
952560	Mar. 22, 1910	Process of obtaining ammonium sulfate from gases.	Mar. 1	Mar. 24	Z-106	180
952704	Mar. 22, 1910	Process of making antimony compounds.	Feb. 28	Mar. 22	X-106	315
952901	Mar. 22, 1910	Method of producing conductive layers on ceramic wares.	Feb. 26	Mar. 24	W-106	383
952914	Mar. 22, 1910	Ore briqueting	Feb. 28	Mar. 21	W-106	337
953008	Mar. 22, 1910	Compound of sulfur dyes soluble in water.	Feb. 26	Mar. 22	H-106	301
953094	Mar. 29, 1910	Process for devulcanising india rubber.	Feb. 28	Mar. 21	M-106	358
953187	Mar. 29, 1910	Process of producing a sulfur compound of quinin.	Mar. 1	Mar. 25	L-106	312
953495	Mar. 29, 1910	Filter basin for brewing purposes.	Mar. 1	Mar. 25	H-106	387
953621	Mar. 29, 1910	Liquid coating composition	Feb. 28	Mar. 24	Z-106	197
953677	Mar. 29, 1910	Cellulose formate	Feb. 26	Mar. 26	J-106	367
953947	Apr. 5, 1910	Remedy for swine plague	Feb. 28	Mar. 22	S-106	259
954050	Apr. 5, 1910	Process of treating fish flesh	Mar. 1	Mar. 25	X-106	433
954080	Apr. 5, 1910	Process of producing hydro-cyanic acid.	Feb. 28	Mar. 24	Z-106	183
954310	Apr. 5, 1910	Process of producing acetyl-cellulose-coated material.	Feb. 26	Mar. 24	P-106	343
954486	Apr. 12, 1910	Saponaceous compound	Mar. 1	Mar. 25	K-106	402
954658	Apr. 12, 1910	Process of manufacturing cement.	Feb. 28	Mar. 22	V-106	296
954960	Apr. 12, 1910	Red azo dye and process of making same.	Feb. 26	Mar. 22	H-106	301
955068	Apr. 12, 1910	Azo dye and process of making same	Feb. 26	Mar. 22	H-106	301
955082	Apr. 12, 1910	Cellulose formate	Feb. 26	Mar. 26	J-106	367
955360	Apr. 19, 1910	Method of manufacturing substances of high resistance.	Feb. 28	Mar. 25	R-106	372
955699	Apr. 19, 1910	Thioindigo vat dye	Feb. 26	Apr. 9	L-106	419
955918	Apr. 26, 1910	Lithopone-white and process for treating same.	Feb. 25	Mar. 25	Y-106	314
956764	May 3, 1910	Process of producing lithographic printing plates.	Feb. 26	Mar. 21	U-106	148
956832	May 3, 1910	Filter	Feb. 28	Mar. 25	S-106	338
957460	May 10, 1910	Machine for spinning viscous liquids.	Mar. 1	Mar. 24	T-106	274
957761	May 10, 1910	Process of making sodium sulfite and ammonium chlorid.	Feb. 25	Mar. 24	V-106	321
958154	May 17, 1910	Coke oven	Feb. 28	Mar. 24	Z-106	227
958180	May 17, 1910	Method of producing tantalum	Feb. 25	Mar. 24	T-106	290
958325	May 17, 1910	Urea of the anthraquinone series and process of making same.	Mar. 22	Mar. 26	T-106	362
958623	May 17, 1910	Process of briqueting fines of ore, furnace dust, waste metal, waste iron, etc.	Feb. 25	Mar. 22	H-106	306
958840	May 17, 1910	Sulfur dye and process of making same.	Feb. 26	Mar. 22	H-106	301
958700	May 17, 1910	Process of briqueting fines of ore, furnace dust, waste metal, waste iron, etc.	Feb. 25	Mar. 22	H-106	306

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958701	May 17, 1910	Process for briqueting fines of ore, furnace dust, waste metal, waste iron, etc.	Feb. 25	Mar. 22	H-106	308
958787	May 24, 1910	Electric melting and refining furnace.	Feb. 28	Mar. 24	K-106	352
958774	May 24, 1910	Black-mono-azo dye and process of making.	Feb. 26	Apr. 9	L-106	419
958912	May 24, 1910	Nitro-ortho-oxy-azo colors and process of making same.	Feb. 23	Mar. 24	T-106	271
958936	May 24, 1910	Process of regenerating stannic-chlorid solutions.	Feb. 28	Mar. 21	P-106	291
959078	May 24, 1910	Orange azo dye	Feb. 26	Mar. 22	J-106	269
959617	May 31, 1910	Vat dye and process of making	Feb. 26	Apr. 9	L-106	419
959883	May 31, 1910	Apparatus for chemical cleaning	Feb. 28	Mar. 26	W-106	466
960100	May 31, 1910	Compound for producing silk-like effects.	Mar. 1	Mar. 26	P-106	390
960116	May 31, 1910	Method of producing a caoutchouc-like elastic substance.	Feb. 28	Mar. 21	U-106	174
960632	June 7, 1910	Brown sulfur dye and process of making same.	Feb. 26	Mar. 22	J-106	289
961047	June 7, 1910	Anthraquinone acridones	Feb. 26	Mar. 22	H-106	301
961350	June 14, 1910	Process of making nitric acid	Feb. 26	Mar. 24	Y-106	273
961364	June 14, 1910	Process for the determination of fat in milk and other dairy products.	Feb. 28	Mar. 22	P-106	297
961924	June 21, 1910	Process of refining gold	Mar. 1	Mar. 24	W-106	413
962069	June 28, 1910	Device for pressing the doors of ovens against their seats.	Feb. 28	Mar. 21	T-106	225
962770	June 28, 1910	Process of producing durable solutions for spinning and other purposes.	Feb. 26	Mar. 24	X-106	397
963126	July 5, 1910	Arsenoarylglycollic acids	Feb. 26	Apr. 9	L-106	419
963377	July 5, 1910	Manufacture of indigo leuco bodies.	Feb. 26	Mar. 22	J-106	275
963813	July 12, 1910	Red halogenized dye and process of making same.	Feb. 26	Apr. 9	L-106	419
964035	July 12, 1910	Device for locking and releasing oven doors.	Feb. 28	Mar. 21	T-106	225
964122	July 12, 1910	Alloy and a compound for the production thereof.	Feb. 28	Mar. 25	T-106	331
964164	July 12, 1910	Composition of matter to be used for making acid-proof cement.	Feb. 28	Mar. 24	Q-106	320
964244	July 12, 1910	Separator	Feb. 28	Mar. 22	K-106	303
964415	July 12, 1910	Method of producing hydrogen from water gas.	Feb. 25	Mar. 22	Y-106	224
964565	July 19, 1910	Process of making fatty compounds for use as Turkey-red oils.	Feb. 28	Mar. 22	Q-106	302
964918	July 19, 1910	Bluish-red disazo dye	Feb. 26	Mar. 22	J-106	269
964919	July 19, 1910	Brown mordant azo dye	Feb. 26	Mar. 22	J-106	269
964920	July 19, 1910	Disazo dye	Feb. 26	Mar. 22	J-106	269
965267	July 26, 1910	Composition for use in burning artificial teeth.	Mar. 1	Mar. 21	W-106	352
965482	July 26, 1910	Process of manufacturing gas for inflating aerostats.	Feb. 27	Mar. 24	K-106	357
965485	July 26, 1910	Article of manufacture	Feb. 26	Mar. 22	J-106	269
965804	July 26, 1910	Alizarin preparation and process of making.	Feb. 25	Mar. 21	K-106	279
965823	July 26, 1910	Process for hardening condensation products from phenols and aldehydes.	Feb. 28	Mar. 21	P-106	282
966136	Aug. 2, 1910	Compound of emulsion and production of same.	Feb. 28	Mar. 21	G-106	278
966372	Aug. 2, 1910	Manufacture of moldings	Mar. 1	Mar. 25	T-106	342
966820	Aug. 9, 1910	Process of rendering hydroxyl derivatives of aromatic hydrocarbons soluble in water.	Feb. 26	Mar. 22	T-106	240
967584	Aug. 16, 1910	Casein derivatives or compounds and process of making same.	Feb. 26	Mar. 22	V-106	292
967775	Aug. 16, 1910	Pyrophoric metallic substance	Feb. 28	Mar. 24	T-106	284

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968423	Aug. 23, 1910	Process for the manufacture of albumose soap.	Mar. 1	Mar. 22	U-106	218
968438	Aug. 23, 1910	Process for the manufacture of bleached soap.	Feb. 28	Mar. 25	P-106	363
968478	Aug. 23, 1910	Apparatus for the uninterrupted separation of constituents.	Feb. 28	Mar. 22	I-106	304
968697	Aug. 30, 1910	Vat dye and process of making same	Mar. 22	Mar. 26	T-106	362
969118	Aug. 30, 1910	Apparatus for washing and rinsing clothes and the like by means of benzene.	Feb. 28	Mar. 26	W-106	465
969381	Sept. 6, 1910	Process of making artificial cryolite.	Feb. 27	Mar. 24	U-106	244
969504	Sept. 6, 1910	Manufacture of briquets	Feb. 28	Mar. 24	U-106	265
969907	Sept. 13, 1910	Method of recovering ammonia from coal gases and the like.	Feb. 25	Mar. 21	Z-106	137
970883	Sept. 20, 1910	Process of obtaining ammonia	Feb. 25	Mar. 22	I-106	276
971124	Sept. 27, 1910	Protective screen for apparatus which are exposed to high temperatures.	Feb. 28	Mar. 25	Q-106	351
971137	Sept. 27, 1910	Coke Furnace	Feb. 28	Mar. 24	Z-106	227
971144	Sept. 27, 1910	Preparing caustic soda	Feb. 26	Mar. 22	J-106	269
971145	Sept. 27, 1910	Preparing caustic potash	Feb. 26	Mar. 22	J-106	269
971149	Sept. 27, 1910	Catalytic body and method of making same.	Feb. 26	Mar. 22	J-106	269
971194	Sept. 27, 1910	Wood-preserving solution	Feb. 26	Mar. 22	X-106	334
971206	Sept. 27, 1910	Process of producing hydrogen	Feb. 25	Mar. 21	P-106	276
971280	Sept. 27, 1910	Ink for ceramic transfer pictures	Feb. 28	Mar. 25	U-106	275
971681	Oct. 4, 1910	Process of making artificial ointment bases.	Mar. 1	Mar. 24	R-106	323
971745	Oct. 4, 1910	Washing and cleaning machine for textile fabrics and the like.	Feb. 18	Mar. 24	K-106	330
971761	Oct. 4, 1910	Yellow disazo dyestuff for wool	Feb. 26	Mar. 22	J-106	269
971762	Oct. 4, 1910	Yellow azo dyestuff for wool	Feb. 26	Mar. 22	J-106	269
972029	Oct. 4, 1910	Method of and apparatus for generating electricity.	Feb. 28	Mar. 21	S-106	237
972079	Oct. 4, 1910	Method of autogeneous welding, cutting or soldering metals.	Feb. 26	Mar. 22	R-106	306
972316	Oct. 11, 1910	Process of preparing a tooth-healing preparation.	Feb. 28	Mar. 21	L-106	206
972345	Oct. 11, 1910	Preparation of a fat like substance from the bodies of bacteria.	Feb. 23	Mar. 24	T-106	271
972723	Oct. 11, 1910	Manufacture of filters	Mar. 1	Mar. 25	X-106	436
973164	Oct. 18, 1910	Process of obtaining ammonium salts from gas.	Feb. 24	Mar. 21	U-106	129
973171	Oct. 18, 1910	Process of treating barium chlorid and strontium chlorid for producing chlorin and hydroxid of the said metals.	Feb. 25	Mar. 22	I-106	281
973732	Oct. 25, 1910	Process of reduction of ores containing sulfur and iron.	Feb. 26	Mar. 22	P-106	293
973832	Oct. 25, 1910	Process of making oxalates from formates.	Feb. 26	Mar. 22	P-106	293
974001	Oct. 25, 1910	Process of manufacture of fuel blocks.	Feb. 28	Mar. 25	Z-106	259
974131	Nov. 1, 1910	Gelatin composition	Feb. 26	Mar. 22	T-106	249
974463	Nov. 1, 1910	Process for removing tin from tin plate waste	Feb. 24	Mar. 21	Y-106	163
974835	Nov. 8, 1910	Process of case-hardening tantalum	Mar. 21	Mar. 26	Z-106	293
974962	Nov. 8, 1910	Method of preserving wood	Feb. 28	Mar. 24	X-106	372
975129	Nov. 8, 1910	Stable mixture for producing hydrogen peroxid.	Feb. 26	Mar. 22	H-106	313
975353	Nov. 8, 1910	Stable mixture for producing hydrogen peroxid.	Feb. 26	Mar. 22	H-106	313
975354	Nov. 8, 1910	Stable mixture for producing hydrogen peroxid.	Feb. 26	Mar. 22	H-106	313
975613	Nov. 15, 1910	Process of purifying chlorates	Feb. 26	Mar. 24	R-106	311
975691	Nov. 15, 1910	Process of producing a molded mass	Feb. 28	Mar. 24	X-106	385
975835	Nov. 15, 1910	Process of electrolytically treating tannic infusions of plants.	Feb. 26	Mar. 21	H-106	276

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975863	Nov. 15, 1910	Anthraquinone derivatives and process of making same.	Feb. 26	Apr. 9	L-106	419
976319	Nov. 22, 1910	Protective coating for carbon bodies	Feb. 26	Mar. 25	Q-106	352
976401	Nov. 22, 1910	Monoazo dye for lakes	Feb. 26	Mar. 22	J-106	269
977348	Nov. 29, 1910	Regenerative coke oven	Feb. 28	Mar. 21	P-106	286
977681	Dec. 6, 1910	Manufacture of artificial stone from slag.	Mar. 1	Mar. 22	K-106	315
977730	Dec. 6, 1910	Plaster	Feb. 26	Mar. 24	K-106	335
977819	Dec. 6, 1910	Process of making phosphatic slag and iron.	Feb. 27	Mar. 24	I-106	339
977909	Dec. 6, 1910	Process of removing tar in recovering ammonia.	Feb. 28	Mar. 25	K-106	390
978282	Dec. 13, 1910	Process of fermentation for use in manufacture of yeast and spirit.	Feb. 28	Mar. 24	V-106	314
978307	Dec. 13, 1910	Process of transforming substance soluble in alcohol into emulsions in water.	Mar. 1	Mar. 24	R-106	323
978792	Dec. 13, 1910	Quinin ester	Mar. 1	Mar. 25	Z-106	259
978865	Dec. 20, 1910	Monoazo and process of making	Feb. 26	Apr. 9	L-106	419
979013	Dec. 20, 1910	Process of manufacturing masses for use in making artificial threads and the like.	Feb. 27	Mar. 24	X-106	398
979054	Dec. 20, 1910	Remedy for swine fever, plague, etc.	Feb. 28	Mar. 21	I-106	250
979080	Dec. 20, 1910	Process of preparing tanniferous material for extraction.	Feb. 28	Mar. 24	K-106	344
979362	Dec. 20, 1910	Apparatus for making extracts	Feb. 28	Mar. 21	W-106	349
979431	Dec. 27, 1910	Nitrocellulose gunpowder	Mar. 1	Mar. 22	I-106	279
979656	Dec. 27, 1910	Clarifying extracts containing tannin.	Feb. 28	Mar. 24	Z-106	190
979704	Dec. 27, 1910	Moth-destroying composition	Feb. 28	Mar. 21	Q-106	277
979887	Dec. 27, 1910	Vanadium acid oxalate and process of making same.	Feb. 25	Apr. 9	Z-106	358
980648	Jan. 3, 1911	Method of producing stable soluble cellulose derivatives from viscose.	Feb. 27	Mar. 24	X-106	389
980807	Jan. 3, 1911	Process for the manufacture of plastic substances.	Feb. 27	Mar. 24	X-106	390
980813	Jan. 3, 1911	Process of liquefying air and separating out oxygen.	Feb. 27	Mar. 24	T-106	307
980936	Jan. 10, 1911	Manufacture and production of baking powder.	Feb. 26	Mar. 22	T-106	245
980940	Jan. 10, 1911	Electric induction furnace	Feb. 26	Mar. 22	K-106	305
981727	Jan. 17, 1911	Means for electric-arc reactions on gases.	Feb. 26	Mar. 22	J-106	269
981775	Jan. 17, 1911	Process of detinning tin scraps	Feb. 18	Mar. 25	I-106	370
981953	Jan. 17, 1911	Apparatus for distilling oils of the petroleum tar, and like industries using a high vacuum.	Feb. 28	Mar. 24	P-106	356
982022	Jan. 17, 1911	Magnesium-zinc alloy	Feb. 25	Mar. 21	Z-106	149
982050	Jan. 17, 1911	Yellow pyrazolone dye for wool	Feb. 26	Mar. 22	H-106	301
982370	Jan. 24, 1911	Composition for making gold leaf	Feb. 28	Mar. 24	S-106	319
982507	Jan. 24, 1911	Disazo dyestuff	Feb. 26	Mar. 22	J-106	269
982508	Jan. 24, 1911	Disazo dyestuff	Feb. 26	Mar. 22	J-106	269
982509	Jan. 24, 1911	Disazo dyestuff	Feb. 26	Mar. 22	J-106	269
982902	Jan. 31, 1911	Process of cleaning and refining coffee beans.	Feb. 28	Mar. 21	K-106	291
982910	Jan. 31, 1911	Tannin-silver-albumen compound	Feb. 28	Mar. 25	K-106	400
982964	Jan. 31, 1911	Apparatus for atomizing liquid slag.	Feb. 28	Mar. 21	J-106	226
983132	Jan. 31, 1911	Monoazo dyestuff for chromemordanted wool.	Feb. 26	Mar. 22	H-106	301
983139	Jan. 31, 1911	Manufacture of filaments, films, and other cellulose products from cellulose solutions.	Feb. 26	Mar. 24	Y-106	259
983377	Feb. 7, 1911	Method of protecting iron from rust.	Feb. 28	Mar. 21	P-106	280
983488	Feb. 7, 1911	Monoazo dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
983521	Feb. 7, 1911	Process of manufacturing cement.	Feb. 28	Mar. 22	V-106	296

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983530	Feb. 7, 1911	Apparatus for dyeing loose material	Feb. 26	Apr. 9	L-106	419
983805	Feb. 7, 1911	Monoazo dye	Feb. 26	Mar. 22	H-106	301
983907	Feb. 14, 1911	Apparatus for generating ozone	Feb. 25	Mar. 24	T-106	289
983916	Feb. 14, 1911	Aneroid barometer	Feb. 27	Mar. 24	U-106	254
983951	Feb. 14, 1911	Process of bucking or bleaching vegetable fibers dyed with vat dyestuffs.	Feb. 26	Apr. 9	L-106	419
984020	Feb. 14, 1911	Candle emitting a colored light	Feb. 28	Mar. 22	Q-106	296
984030	Feb. 14, 1911	Gas-liquefying apparatus for demonstration purposes.	Feb. 28	Mar. 22	K-106	310
984442	Feb. 14, 1911	Process for preparing indoxyls and indigo coloring matters.	Feb. 27	Mar. 25	V-106	353
984483	Feb. 14, 1911	Process of manufacturing starch soluble in cold water.	Feb. 28	Mar. 21	G-106	254
984605	Feb. 21, 1911	Method of producing nitrogen and carbon dioxid from gaseous products of combustion.	Feb. 28	Mar. 21	T-106	215
984900	Feb. 21, 1911	Monoazo dyestuff and process of making same.	Feb. 26	Mar. 22	H-106	301
984925	Feb. 21, 1911	Process of oxidising nitrogen of air by means of electric discharges.	Feb. 26	Mar. 21	G-106	253
985528	Feb. 28, 1911	Producing acetylene tetrachlorid	Feb. 28	Mar. 24	X-106	382
986148	Mar. 7, 1911	Derivative of oxyarylarsinic acids and process of making same	Feb. 26 Mar. 22	Apr. 9 Mar. 26	L-106 T-106	419 359
986204	Mar. 7, 1911	Process of making pure ammonium nitrate.	Feb. 28	Mar. 24	V-106	325
986287	Mar. 7, 1911	Monoazo dyes for wool	Feb. 26	Mar. 22	H-106	301
986332	Mar. 7, 1911	Process of treating textile materials.	Feb. 28	Mar. 25	T-106	344
986508	Mar. 14, 1911	Process for the recovery of copper from porphyry ores and the like.	Feb. 28	Mar. 24	X-106	406
986527	Mar. 14, 1911	Soap	Feb. 28	Mar. 25	T-106	346
986562	Mar. 14, 1911	Process of manufacturing linoxyn and like products especially intended for utilization in the linoleum manufacture.	Feb. 26	Mar. 21	U-106	145
987133	Mar. 21, 1911	Process of obtaining lecithin, lecith albumin, and their by-products out of raw material containing lecithin.	Feb. 28	Mar. 24	T-106	294
987362	Mar. 21, 1911	Monoazo dyes for wool	Feb. 26	Mar. 22	H-106	301
987375	Mar. 21, 1911	Process of making nitrogen-oxygen.	Feb. 26	Mar. 21	G-106	253
987721	Mar. 28, 1911	Scouring machine	Mar. 22	Mar. 24	W-106	386
987771	Mar. 28, 1911	Esters of salicylic-acid derivatives and process of making the same.	Mar. 1	Mar. 24	J-106	317
987999	Mar. 28, 1911	Process of making ortho-oxymonoazo dye.	Feb. 26	Mar. 22	J-106	269
988000	Mar. 28, 1911	Substantine disazo dyestuff	Feb. 26	Mar. 22	J-106	269
988032	Mar. 28, 1911	Process of manufacturing new organic fatty-acid compounds.	Feb. 26	Apr. 9	L-106	419
988244	Mar. 28, 1911	Explosive	Feb. 26	Mar. 22	I-106	287
988261	Mar. 28, 1911	Process for directly converting sugar syrups into crystallized sugar of agreeable taste.	Feb. 28	Mar. 21	U-106	154
988430	Apr. 4, 1911	Process of manufacturing artificial threads.	Feb. 26	Mar. 24	Y-106	259
988733	Apr. 4, 1911	Formaldehyde compound and process of making same.	Feb. 25	Mar. 22	T-106	282
988842	Apr. 4, 1911	Retort furnace	Feb. 28	Mar. 24	Z-106	243
988870	Apr. 4, 1911	Yellow monazo dye and process of making same.	Feb. 26	Mar. 22	H-106	301
988874	Apr. 4, 1911	Process for removing printer's ink from printed paper by means of bleaching substances having an alkaline action.	Feb. 28	Mar. 24	X-106	376
989322	Apr. 11, 1911	Disinfecting composition	Feb. 28	Mar. 22	S-106	253
989602	Apr. 18, 1911	Manufacture of animoraylacidylanimoanthraquinones and their acidyl derivatives.	Feb. 26	Apr. 9	L-106	419

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989651	Apr. 18, 1911	Process for manufacture of camphor.	Feb. 28	Mar. 25	I-106	363
989664	Apr. 18, 1911	Manufacture of hydrocinchona alkaloids.	Mar. 1	Mar. 25	Z-106	259
989671	Apr. 18, 1911	Electric furnace	Feb. 28	Mar. 24	L-106	286
989868	Apr. 18, 1911	Ore-roasting furnace	Feb. 28	Mar. 25	L-106	306
989955	Apr. 18, 1911	Treatment of gases for removing carbon monoxid therefrom and replacing it by hydrogen.	Feb. 26	Mar. 22	J-106	269
990040	Apr. 18, 1911	Improving the conductivity and tensile strength of copper and its alloys.	Feb. 28	Mar. 21	K-106	281
990064	Apr. 18, 1911	Apparatus for use in dyeing wound yarn.	Feb. 28	Mar. 22	U-106	304
990224	Apr. 25, 1911	Fluorescein dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
990310	Apr. 25, 1911	1. Para-dimethylaminophenyl 1 -2.3.4- trimethyl- 5 -pyrasolone and process of making same.	Feb. 26	Apr. 9	L-106	419
990929	May 2, 1911	Process of preparing starch	Feb. 28	Mar. 21	K-106	290
991096	May 2, 1911	Process of making phosphates	Feb. 28	Mar. 25	U-106	290
991200	May 2, 1911	Process of preserving wood	Feb. 25	Mar. 22	U-106	183
991205	May 2, 1911	Distilling apparatus	Feb. 28	Mar. 21	L-106	196
991261	May 2, 1911	Pharmaceutical preparation	Feb. 26	Mar. 22	H-106	301
991801	May 8, 1911	Apparatus for deodorising the exhaust gases of internal-combustion engines.	Mar. 1	Mar. 24	J-106	295
991874	May 9, 1911	Process for obtaining alcohols or alcoholic matters from wool fat.	Feb. 26	Mar. 24	Z-106	219
992600	May 16, 1911	Process of treating aluminum articles for the formation of galvanic metallic coatings.	Feb. 25	Mar. 21	Z-106	150
992947	May 23, 1911	Process of dyeing hair, furs, and the like.	Feb. 26	Mar. 22	H-106	301
992951	May 23, 1911	Process for the manufacture of ductile electrolytic iron.	Feb. 26	Mar. 22	Y-106	213
992952	May 23, 1911	Process for the manufacture of ductile electrolytic iron.	Feb. 26	Mar. 22	Y-106	213
993011	May 23, 1911	Process of manufacturing dextrin	Feb. 28	Mar. 21	J-106	243
993270	May 23, 1911	Production of metals and alloys	Feb. 28	Mar. 24	V-106	336
993331	May 23, 1911	Process for the manufacture of formates.	Feb. 28	Mar. 22	S-106	287
993373	May 30, 1911	Purification of magnesium and magnesium alloys.	Feb. 26	Mar. 22	R-106	306
993463	May 30, 1911	Method of making manure	Feb. 28	Mar. 22	Q-106	292
993858	May 30, 1911	Method of separating substances in suspension.	Feb. 28	Mar. 21	S-106	237
993915	May 30, 1911	Halogenized carboylic acid of phenylamincanthrasuinone series.	Feb. 26	Mar. 22	H-106	301
993992	May 30, 1911	Vat dye of the anthraquinone series.	Feb. 26	Mar. 22	H-106	301
993998	May 30, 1911	Metallic alloy	Feb. 28	Mar. 24	T-106	284
994076	May 30, 1911	Method of mercerizing cotton, preferably in form of skeins.	Feb. 26	Mar. 24	Y-106	265
994095	May 30, 1911	Process of making nitrogenous compounds.	Feb. 25	Mar. 24	T-106	290
994315	June 6, 1911	Treatment of gases given off in the destructive distillation of coal, &c	Feb. 27	Mar. 22	G-106	307
994437	June 6, 1911	Process of preparing camphor	Feb. 25	Apr. 9	Z-106	358
994445	June 6, 1911	Methoxymethylmenthol	Feb. 25	Apr. 9	Z-106	358
994660	June 6, 1911	Process of breeding microbes	Feb. 27	Mar. 25	I-106	355
995038	June 13, 1911	Acid ferric phosphor tartrate	Feb. 28	Mar. 25	S-106	342
995113	June 13, 1911	Aluminum alloy	Feb. 25	Mar. 21	H-106	262
995160	June 13, 1911	Orange cotton dyes	Feb. 26	Mar. 22	J-106	269
995161	June 13, 1911	Disazo dyes for wool	Feb. 26	Mar. 22	J-106	269
995431	June 20, 1911	Process of dyeing half-woolen goods.	Feb. 26	Apr. 9	L-106	419
995494	June 20, 1911	Blue triphenylmethane dye-stuff	Feb. 26	Apr. 9	L-106	419
995510	June 20, 1911	Method of producing transparent camphor in shaped pieces.	Feb. 28	Mar. 25	U-106	301
995724	June 20, 1911	White enamel	Feb. 28	Mar. 21	Z-106	145

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			1919.	1919.		
996191	June 27, 1911	Pyroxylin plastic and method of making same.	Feb. 25	Mar. 22	Y-106	199
996274	June 27, 1911	Yohimbin preparations and process of manufacturing same.	Feb. 28	Mar. 22	L-106	239
996380	June 27, 1911	Process of purifying tin scraps preparatory to detinning the same.	Feb. 18	Mar. 25	I-106	369
996485	June 27, 1911	Sulfurized vat dye of the anthraquinone series.	Feb. 26	Mar. 22	H-106	301
996763	July 4, 1911	Production of anhydrous ethyl alcohol.	Feb. 26	Mar. 22	R-106	306
996773	July 4, 1911	Stable perborate mixture yielding hydrogen peroxid.	Feb. 28	Mar. 24	Y-106	284
997056	July 4, 1911	Heating and moulding subdivided cork.	Feb. 28	Mar. 22	K-106	300
997061	July 4, 1911	Tetrakisazo dye	Feb. 26	Mar. 22	H-106	301
997477	July 11, 1911	Process and apparatus for purifying solutions.	Feb. 28	Mar. 25	Z-106	261
998288	July 18, 1911	Yarn, mercerizing machine	Feb. 26	Mar. 24	Y-106	265
998358	July 18, 1911	Manufacture of cement from furnace slag.	Feb. 28	Mar. 21	W-106	338
998726	July 25, 1911	Phenolphthalein diisovalerate	Feb. 26	Mar. 22	V-106	292
998772	July 25, 1911	Blue dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
998787	July 25, 1911	Tilting forehearth for furnaces	Feb. 27	Mar. 24	U-106	348
998982	July 25, 1911	Method of producing halogenoxygen compounds by electrolysis.	Mar. 1	Mar. 22	Y-106	242
998995	July 25, 1911	Detergent and production of same	Feb. 28	Mar. 21	G-106	279
999013	July 25, 1911	Process of preparing wood-impregnating liquids.	Mar. 1	Mar. 22	U-106	182
999045	July 25, 1911	Manufacture of brown sulfurized vat dyestuffs.	Feb. 26	Mar. 22	J-106	269
999062	July 25, 1911	Manufacture of anthranol	Mar. 22	Mar. 26	T-106	362
999099	July 25, 1911	Process of perforating metals	Mar. 1	Mar. 22	Z-106	155
999236	Aug. 1, 1911	Process for preparing cellulose esters in definite forms.	Feb. 26	Mar. 24	P-106	343
999320	Aug. 1, 1911	Rectifying column	Feb. 28	Mar. 21	M-106	373
999330	Aug. 1, 1911	Paint or color disperser with more than one air-nozzle.	Feb. 28	Mar. 21	Y-106	188
999420	Aug. 1, 1911	Process of separating zinc or zinc oxid.	Feb. 28	Mar. 24	W-106	416
999497	Aug. 1, 1911	Process of making stable calcium perborate.	Feb. 26	Mar. 22	H-106	313
999499	Aug. 1, 1911	Apparatus for washing and dyeing cops or similar articles.	Feb. 26	Mar. 26	X-106	446
999558	Aug. 1, 1911	Polyazo dye and process of making same.	Feb. 25	Mar. 21	S-106	215
999680	Aug. 1, 1911	Vat dyestuff of the anthracene series.	Feb. 26	Mar. 22	J-106	269
999785	Aug. 8, 1911	Vat dyestuff	Feb. 26	Apr. 9	L-106	419
1000425	Aug. 15, 1911	Method of making solid colored bodies.	Feb. 27	Mar. 21	I-106	271
1000479	Aug. 15, 1911	Briquet and method of making the same.	Feb. 28	Mar. 21	L-106	212
1000487	Aug. 15, 1911	Art of preparing fatty-acid compounds.	Feb. 25 Feb. 25	Mar. 22 Mar. 22	Y-106 S-106	199 255
1000663	Aug. 15, 1911	Method of treating nitro-bodies strips.	Mar. 1	Mar. 21	Z-106	122
1000732	Aug. 15, 1911	Process of making nitric oxid	Feb. 26	Mar. 24	Y-106	273
1000827	Aug. 15, 1911	Process of making salts of hydrated cupric oxid.	Feb. 28	Mar. 21	W-106	344
1000838	Aug. 15, 1911	Electric furnace	Feb. 28	Mar. 24	K-106	352
1000852	Aug. 15, 1911	Solid perfume mixture containing artificial musk.	Feb. 28	Mar. 21	G-106	277
1001247	Aug. 22, 1911	Process for the extraction of licithin from the seeds of lupines and other pulses.	Feb. 24	Mar. 21	Q-106	259
1001286	Aug. 22, 1911	Disazo dyes and process of making same.	Feb. 26	Mar. 22	J-106	269

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1001325	Aug. 22, 1911	Product of the anthraquinone series and process of making same.	Feb. 26	Mar. 22	H-106	301
1001350	Aug. 22, 1911	Ammonium-phosphate fertilizer	Feb. 28	Mar. 24	Z-106	184
1001413	Aug. 22, 1911	Process of treating clay, kaolin, and ceramic masses.	Feb. 28	Mar. 21	G-106	258
1001446	Aug. 22, 1911	Process for the manufacture of a resistive paper mass for industrial purposes.	Mar. 1	Mar. 25	W-106	439
1001457	Aug. 22, 1911	Green to black vat dyestuff	Feb. 26	Apr. 9	L-106	419
1001458	Aug. 22, 1911	Bluish-red azo dyestuffs	Feb. 26	Apr. 9	L-106	419
1001480	Aug. 22, 1911	Process of extracting radium compounds.	Feb. 28	Mar. 24	U-106	271
1001770	Aug. 29, 1911	Process for manufacture of metal bands, wire, etc., from electrolytic iron.	Mar. 1	Mar. 25	L-106	303
1001789	Aug. 29, 1911	Process of rendering vitreous compounds turbid.	Feb. 28	Mar. 22	S-106	281
1001836	Aug. 29, 1911	Method of making plates of linoleum composition for producing blocks for the manufacture of continuously grained linoleum.	Feb. 28	Mar. 25	Z-106	247
1001933	Aug. 29, 1911	Methoxymethylsantalol	Feb. 25	Apr. 9	Z-106	358
1001964	Aug. 29, 1911	Process of making a disinfectant	Feb. 26	Mar. 24	J-106	296
1002023	Aug. 29, 1911	Treatment of mercerized cotton goods.	Feb. 26	Mar. 22	J-106	269
1002110	Aug. 29, 1911	Process of producing multicolored effects in spun and woven goods.	Feb. 26	Apr. 9	L-106	419
1002242	Sept. 5, 1911	Aminooxyarylarsenoxids and process of making same.	Feb. 26	Apr. 9	L-106	419
1002270	Sept. 5, 1911	Vat dyestuff of the anthraquinone series and process of making same.	Feb. 26	Apr. 9	L-106	419
1002547	Sept. 5, 1911	Alkaline albumose-silver compound.	Feb. 25	Apr. 9	Z-106	358
1002548	Sept. 5, 1911	Albumose-silver-ammonic product.	Feb. 25	Apr. 9	Z-106	358
1002635	Sept. 5, 1911	Apparatus for measuring and regulating the concentration of dye liquors.	Feb. 24	Mar. 21	Y-106	166
1003244	Sept. 12, 1911	Purifying rubber or guttapercha	Feb. 28	Mar. 24	Q-106	313
1003266	Sept. 12, 1911	Monoazo dye	Feb. 26	Mar. 22	H-106	301
1003293	Sept. 12, 1911	Monoazo dye for wool	Feb. 26	Mar. 22	H-106	301
1003406	Sept. 12, 1911	Process and apparatus for puffing blast-furnace slag.	Feb. 28	Mar. 25	S-106	326
1003627	Sept. 19, 1911	Process for the reduction of metallic oxids.	Feb. 27	Mar. 24	I-106	334
1003741	Sept. 19, 1911	Solution of resins and the process of manufacturing same.	Feb. 26	Mar. 22	G-106	304
1004027	Sept. 26, 1911	Process and apparatus for manufacturing lincrusta.	Feb. 28	Mar. 24	L-106	259
1004361	Sept. 26, 1911	Method of making ammonium carbonate.	Feb. 24	Mar. 22	G-106	298
1004499	Sept. 26, 1911	Extract of ergot	Feb. 26	Mar. 22	V-106	292
1004661	Oct. 3, 1911	Purifying apparatus for acetylene gas.	Mar. 1	Mar. 24	U-106	243
1004916	Oct. 3, 1911	Rotary metallurgical furnace for roasting zinc ores and the like.	Feb. 28	Mar. 21	U-106	178
1005076	Oct. 3, 1911	Bacterial product	Feb. 28	Mar. 21	S-106	231
1005077	Oct. 3, 1911	Bacterial product	Feb. 28	Mar. 21	S-106	231
1005115	Oct. 3, 1911	Gun barrel and analogous object	Feb. 28	Mar. 24	Y-106	271
1005339	Oct. 10, 1911	Instrument for high temperatures	Feb. 28	Apr. 9	Q-106	450
1005456	Oct. 10, 1911	Method of producing acid albuminate.	Feb. 28	Mar. 21	X-106	313
1005481	Oct. 10, 1911	Preparation suitable for the indigo vat.	Feb. 26	Apr. 9	L-106	419
1005931	Oct. 17, 1911	Process of producing juice from beet roots.	Feb. 28	Mar. 21	T-106	202
1006274	Oct. 17, 1911	Process for the manufacture of rubber substitute.	Feb. 28	Mar. 22	U-106	203
1006281	Oct. 17, 1911	Car for quenching coke	Feb. 28	Mar. 22	U-106	208

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1006311	Oct. 17, 1911	Apparatus for continuously fixiviating plants.	Feb. 28	Mar. 25	Y-106	310
1006312	Oct. 17, 1911	Process of treating potatoes	Feb. 28	Mar. 25	Y-106	310
1006471	Oct. 24, 1911	Liquid dyeing apparatus	Feb. 26	Mar. 22	R-106	291
1006725	Oct. 24, 1911	Manufacture of dry mortar or plaster.	Feb. 28	Mar. 25	Q-106	340
1006738	Oct. 24, 1911	Red acid dyestuff on the triphenylmethanes series and process of making same.	Feb. 28	Apr. 9	L-106	419
1006793	Oct. 24, 1911	Process of producing aldehyde sulfoxylates.	Feb. 28	Mar. 21	Z-106	135
1006848	Oct. 24, 1911	Pyrophoric metal alloy	Feb. 28	Mar. 21	L-106	199
1006929	Oct. 24, 1911	Azo dye	Feb. 26	Mar. 24	G-106	327
1006977	Oct. 24, 1911	Process for decolorizing tannin extracts.	Feb. 28	Mar. 24	R-106	338
1007104	Oct. 31, 1911	Vat dyestuffs of the anthraquinone series and the process of making same.	Feb. 26	Apr. 9	L-106	419
1007189	Oct. 31, 1911	Composition of matter for forming plastic wall coverings.	Feb. 18	Mar. 24	W-106	393
1007967	Nov. 7, 1911	Distillation process	Mar. 21	Mar. 26	L-106	348
1008249	Nov. 7, 1911	Process of treatment of wool	Feb. 26	Mar. 22	J-106	248
1008254	Nov. 7, 1911	Process of briqueting metals containing copper.	Feb. 25	Mar. 23	H-106	306
1008906	Nov. 14, 1911	Vat dyes of the anthraquinone series.	Feb. 26	Mar. 22	H-106	301
1008907	Nov. 14, 1911	Monoazo dye	Feb. 26	Mar. 22	H-106	301
1008908	Nov. 14, 1911	Vat dye of the anthraquinone series.	Feb. 26	Mar. 22	H-106	301
1008927	Nov. 14, 1911	Process of making calcium cyanamid.	Feb. 27	Mar. 25	F-106	381
1009081	Nov. 21, 1911	Apparatus for mercurial decomposition of alkaline chloride.	Feb. 25	Mar. 24	U-106	225
1009100	Nov. 21, 1911	Process of toning blue photographic silver pictures.	Feb. 25	Apr. 9	Z-106	358
1009377	Nov. 21, 1911	Process of manufacture of smokeless gunpowder.	Mar. 1	Mar. 25	W-106	440
1009510	Nov. 21, 1911	Process of decaffeinizing coffee beans.	Feb. 28	Mar. 22	S-106	260
1009484	Nov. 28, 1911	Process for producing verdigris	Feb. 25	Mar. 21	S-106	223
1009981	Nov. 28, 1911	Process of dyeing with benzoquinone derivatives.	Feb. 26	Apr. 9	L-106	419
1010141	Nov. 28, 1911	Photographic plate	Feb. 28	Mar. 22	G-106	303
1010177	Nov. 28, 1911	Process for the manufacture of alkali earthsal of hydroxylamin disulfonic acid.	Feb. 27	Mar. 25	V-106	338
1010210	Nov. 28, 1911	Disinfectant	Feb. 26	Mar. 24	K-106	389
1010447	Dec. 5, 1911	Manufacture of harmless combinations of sulfocyanic acid.	Feb. 25 Feb. 28	Mar. 22 Mar. 22	L-106 L-106	244 245
1011014	Dec. 5, 1911	Process of manufacturing oxids of nitrogen.	Feb. 25	Mar. 21	Y-106	181
1011078	Dec. 5, 1911	Manufacture of harmless combinations of sulfocyanic acid.	Feb. 25	Mar. 22	L-106	244
1011076	Dec. 5, 1911	Manufacture of harmless combinations of sulfocyanic acid.	Feb. 25 Mar. 1	Mar. 22 Mar. 22	L-106 L-106	244 247
1011079	Dec. 5, 1911	Still for use with a high vacuum	Feb. 28	Mar. 24	R-106	345
1011203	Dec. 12, 1911	Process for pickling aluminum and its alloys prior to galvanizing or coating the same with other metals.	Feb. 26	Mar. 22	I-106	306
1011483	Dec. 12, 1911	Electric battery	Feb. 28	Mar. 25	L-106	310
1011500	Dec. 12, 1911	Process of making phenylglycin salts.	Feb. 26	Mar. 22	J-106	269
1011511	Dec. 12, 1911	Funnel for charging containers for bursting charges with fused explosives.	Mar. 1	Mar. 22	Y-106	242
1011770	Dec. 12, 1911	Azo dye for wool	Feb. 26	Mar. 22	H-106	301
1012149	Dec. 19, 1911	Process for the production of halogen derivatives of hydrocarbons.	Feb. 28	Mar. 24	R-106	342
1012383	Dec. 19, 1911	Process of coloring wood	Feb. 28	Mar. 24	Y-106	302

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1012421	Dec. 19, 1911	Manufacture of sulphuric acid	Feb. 26	Mar. 24	Y-106	339
1012511	Dec. 19, 1911	Method of determining	Feb. 24	Mar. 21	Y-106	163
1012531	Dec. 19, 1911	Process for the manufacture of solid-fashioned bodies containing silicon carbid.	Feb. 26	Mar. 25	Q-106	352
1012619	Dec. 26, 1911	Process of producing dischargeable dyeings on cotton.	Feb. 26	Apr. 9	L-106	419
1012630	Dec. 26, 1911	Raw-tallow substitutes for lubricating purposes and process for manufacturing the same.	Feb. 26	Mar. 24	T-106	276
1012687	Dec. 26, 1911	Process for manufacturing material for casting and painting.	Feb. 28	Mar. 22	L-106	231
1013137	Jan. 2, 1912	Process of tightening casks, barrels, or the like.	Feb. 26	Mar. 22	L-106	216
1013181	Jan. 2, 1912	Process of making chlorosulfonic acid.	Feb. 28	Mar. 24	Y-106	285
1013407	Jan. 2, 1912	Production of starch and gluten from wheat flour.	Feb. 28	Mar. 21	G-106	267
1013620	Jan. 2, 1912	Method of welding copper or nickel and copper or nickel alloy.	Mar. 1	Mar. 22	Y-106	235
1013881	Jan. 9, 1912	Method of and apparatus for vaporizing the volatile constituents of liquids.	Feb. 28	Mar. 24	Y-106	288
1014103	Jan. 9, 1912	Hydrocarbon emulsion	Feb. 28	Mar. 21	P-106	228
1014198	Jan. 9, 1912	Nontoxic suprarenal preparation	Feb. 28	Mar. 21	L-106	213
1014539	Jan. 9, 1912	Manufacture of lakes	Feb. 28	Mar. 25	J-106	337
1014560	Jan. 9, 1912	Process of electroplating aluminum and its alloys.	Feb. 27	Mar. 24	H-106	333
1015214	Jan. 16, 1912	Loading charge for bursting shells for guns, torpedo heads, maritime mines, and the like.	Mar. 1	Mar. 22	Y-106	242
1015218	Jan. 16, 1912	Projectile loading for scattering charges.	Mar. 1	Mar. 22	Y-106	242
1015220	Jan. 16, 1912	Process of making sodium aluminum fluorid.	Feb. 28	Mar. 24	U-106	261
1015286	Jan. 23, 1912	Process of making alkali-earth peroxid.	Feb. 25	Mar. 21	I-106	254
1015329	Jan. 23, 1912	Vat dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	419
1015354	Jan. 23, 1912	Trisulfonic acid and the safranin series and process of making same.	Feb. 26	Apr. 9	L-106	419
1015519	Jan. 23, 1912	Process of distilling wood	Feb. 27	Mar. 22	X-106	353
1015566	Jan. 23, 1912	Process of obtaining and separating oxygen and nitrogen from the atmosphere.	Feb. 28	Mar. 25	U-106	276
1015650	Jan. 23, 1912	Method of extracting sugar juices.	Feb. 28	Mar. 25	Y-106	310
1015800	Jan. 30, 1912	Process of liquefying air and separating it into its elements.	Feb. 18	Mar. 24	Z-106	201
1015994	Jan. 30, 1912	Process for the manufacture of the fatty acids from their esters.	Feb. 28	Mar. 25	P-106	368
1016024	Jan. 30, 1912	Process of preserving wood	Feb. 26	Mar. 24	W-106	406
1016062	Jan. 30, 1912	Process of producing para-alkyloxyphenylethylamins and their N-alkyl derivatives.	Feb. 26	Mar. 22	H-106	301
1016115	Jan. 30, 1912	Process for rendering vegetable proteins soluble.	Feb. 28	Mar. 24	Z-106	231
1016307	Feb. 6, 1912	Monoazo dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
1016638	Feb. 6, 1912	Vat dye and process of making same	Feb. 26	Mar. 22	J-106	269
1016738	Feb. 6, 1912	Process of producing alkali metal from oxygen compounds of alkali.	Feb. 27	Mar. 24	I-106	338
1016784	Feb. 6, 1912	Organic mercury compound	Feb. 26	Mar. 22	H-106	301
1016939	Feb. 13, 1912	Process for manufacture of briquets.	Mar. 1	Mar. 24	S-106	304
1016977	Feb. 13, 1912	Manufacture of carbamates of tertiary alcohols.	Mar. 1	Mar. 25	Z-106	256
1017151	Feb. 13, 1912	Furnace	Feb. 28	Mar. 22	X-106	341
1017288	Feb. 13, 1912	Ozonizing apparatus	Feb. 26	Mar. 22	S-106	276

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1017261	Feb. 13, 1912	Process of producing formates	Feb. 26	Mar. 24	W-106	387
1017560	Feb. 13, 1912	Process of producing derivatives of cantharidic acid containing iodin and mercury.	Feb. 26	Mar. 24	U-106	233
1017657	Feb. 20, 1912	Arsenobenzene derivatives and process of making same.	Feb. 26	Apr. 9	L-106	495
1017669	Feb. 20, 1912	Solution of perfumes and method of making the same.	Feb. 26	Mar. 22	G-106	304
1017699	Feb. 20, 1912	1 - P - Dimethylaminophenol - 3.4.4 - trimethyl - 5 - pyrazolone and process of making same.	Feb. 26	Apr. 9	L-106	419
1017748	Feb. 20, 1912	Process of case-hardening metals and alloys.	Feb. 28	Mar. 24	I-106	330
1018003	Feb. 20, 1912	Carbon electrode for electrical purposes.	Mar. 1	Mar. 25	V-106	362
1018329	Feb. 20, 1912	Process of producing sulfur derivatives derived from glycerin.	Feb. 27	Mar. 24	X-106	389
1018402	Feb. 27, 1912	Process of making sulfur trioxid	Feb. 25	Mar. 21	I-106	232
1018406	Feb. 27, 1912	Manufacture of ammonium carbonate.	Feb. 24	Mar. 22	G-106	298
1018458	Feb. 27, 1912	Process for the preparation of stone slabs.	Feb. 28	Mar. 25	L-106	318
1018479	Feb. 27, 1912	Process of recovering sulfur from gas.	Feb. 24	Mar. 21	U-106	128
1018433	Feb. 27, 1912	Brown vat dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
			Mar. —	Mar. 26	K-106	400
1018733	Feb. 27, 1912	Process of manufacturing anhydrids of fatty acids.	Feb. 28	Mar. 21	P-106	291
1018748	Feb. 27, 1912	Manufacture of phosphoric acid	Feb. 25	Mar. 22	U-106	191
1018990	Feb. 27, 1912	Method of an apparatus for producing and utilizing disklike electric ares for effecting gas reactions.	Feb. 26	Mar. 22	P-106	298
1019002	Mar. 5, 1912	Method of dyeing	Feb. 27	Mar. 25	X-106	431
1019102	Mar. 5, 1912	Process of manufacturing paraffin.	Feb. 28	Mar. 21	K-106	285
1019285	Mar. 5, 1912	Quinin esters of aromatic amino acids and process of producing same.	Mar. 1	Mar. 25	Z-106	259
1019945	Mar. 12, 1912	Process of producing lecithin	Feb. 24	Mar. 21	Q-106	259
1020102	Mar. 12, 1912	Process for the production of hydrogen from gas mixtures containing hydrogen.	Feb. 28	Mar. 22	H-106	322
1020293	Mar. 12, 1912	Process of making phosphates of potash and ammonia.	Feb. 26	Mar. 22	R-106	301
1020306	Mar. 12, 1912	Process of manufacturing dried yeast.	Mar. 1	Mar. 25	R-106	358
1020452	Mar. 19, 1912	Machine for dyeing, bleaching, and the like.	Feb. 27	Mar. 25	R-106	364
1020624	Mar. 19, 1912	Process for the manufacture of disinfectant substances and products produced thereby.	Mar. 1	Mar. 25	T-106	336
1020673	Mar. 19, 1912	Method of separating the solid constituents from the liquid constituents of fats or fatty substances.	Feb. 28	Mar. 24	W-106	425
1021095	Mar. 26, 1912	Parasiticide for plants	Feb. 24	Mar. 22	K-106	298
1021234	Mar. 26, 1912	Process of manufacturing pure nitric acid.	Feb. 26	Apr. 9	L-106	419
1021380	Mar. 26, 1912	Glove leather and process of preparing it.	Feb. 26	Mar. 24	X-106	413
1021744	Mar. 26, 1912	Process for preparing paste used as weavers' glue or for other similar dressing purposes.	Feb. 28	Mar. 24	G-106	335
1021811	Apr. 2, 1912	Dyeing apparatus	Feb. 28	Mar. 24	W-106	423
1021874	Mar. 26, 1912	Medicinal tablet	Feb. 26	Mar. 22	T-106	240
1021700	Mar. 26, 1912	Process of increasing the raising power of yeast.	Mar. 1	Mar. 25	R-106	358
1022019	Apr. 2, 1912	Amino - oxy - naphtnalene sulfonic acid and process of making same.	Feb. 23	Mar. 24	T-106	271

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1022097	Apr. 2, 1912	Process of manufacturing fine artificial threads.	Feb. 26	Mar. 24	X-106	395
1022274	Apr. 2, 1912	Etching fluid for flat printing plates of metal.	Mar. 1	Mar. 21	G-106	283
1022496	Apr. 9, 1912	Process for the filtration of furnace gases.	Feb. 28	Mar. 22	L-106	243
1022612	Apr. 9, 1912	Manufacture of lakes	Feb. 28	Mar. 25	J-106	337
1022627	Apr. 9, 1912	Medicinal bath	Feb. 26	Mar. 24	W-106	387
1023107	Apr. 9, 1912	Method of extinguishing fires in telephone installations.	Feb. 26	Mar. 24	R-106	313
1023199	Apr. 16, 1912	Manufacture of a new beta-naphthol-ortho-oxy-azo dye.	Feb. 23	Mar. 24	T-106	271
1023308	Apr. 16, 1912	Process for the production of pyrophorous substances for ignition and illumination.	Feb. 28	Mar. 25	P-106	365
1023287	Apr. 16, 1912	Manufacture of bleaching liquids.	Feb. 28	Mar. 21	W-106	358
1023451	Apr. 16, 1912	Process for the preparation of chrome leather.	Feb. 28	Mar. 25	R-106	379
1023548	Apr. 16, 1912	Method of recovering ammonia in the cuprammonium cellulose precipitation.	Feb. 28	Mar. 22	X-106	317
1023612	Apr. 16, 1912	Process for the manufacture of galvanic metal reproductions of articles of the plastic arts.	Feb. 25	Mar. 22	S-106	230
1023661	Apr. 16, 1912	Pyrophorous metal	Feb. 27	Mar. 22	Z-106	178
1023758	Apr. 16, 1912	Process for the manufacture of chlorinated phenol esters and of oxybenzyl alcohols, oxybenzaldehydes, and oxybenzoic acids.	Feb. 27	Mar. 25	V-106	358
1023847	Apr. 23, 1912	Alizarin-red vat dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	419
1023890	Apr. 23, 1912	Process of treating brittle vegetable fibers of kapok and other plants.	Feb. 26	Mar. 26	Z-106	298
1024308	Apr. 23, 1912	Manufacture of azo coloring matters containing a carbazole derivative.	Feb. 23	Mar. 24	T-106	271
1024330	Apr. 23, 1912	Mixture suitable for baking powder	Feb. 26	Mar. 24	K-106	328
1024405	Apr. 23, 1912	Process of producing a filler for white enamels.	Feb. 25	Mar. 22	Z-106	178
1024668	Apr. 30, 1912	Production of peculiar color effects on textile fabrics.	Feb. 26	Apr. 9	L-106	419
1024993	Apr. 30, 1912	Derivative of diaminodioxyarsenobenzene.	Feb. 26	Apr. 9	L-106	419
1025138	May 7, 1912	Violet-blue vat dyestuffs	Feb. 26	Apr. 9	L-106	419
1025147	May 7, 1912	Vat dyestuff and process of making same.	Feb. 20	Apr. 9	L-106	419
1025174	May 7, 1912	Blue vat dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
1025195	May 7, 1912	Salmon-colored vat dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
1025466	May 7, 1912	Method of producing iron albuminates of organomineral acids.	Feb. 28	Mar. 24	X-106	384
1025509	May 7, 1912	Means for causing mercury to circulate while electrolyzing aqueous solutions of metallic salts.	Feb. 25	Mar. 24	T-106	290
1025819	May 7, 1912	Process of manufacturing phosphoric-acid compounds.	Feb. 28	Mar. 25	Z-106	250
1026456	May 14, 1912	Process for obtaining refined lead	Feb. 25	Mar. 21	I-106	230
1026094	May 14, 1912	Arseno compounds and process of making same.	Feb. 26	Apr. 9	L-106	419
1026257	May 14, 1912	Manufacture of a new pyrazolone-azo dye.	Feb. 23	Mar. 24	T-106	271
1026287	May 14, 1912	Process for renovating cotton-waste	Feb. 26	Mar. 22	Z-106	162
1026461	May 14, 1912	Safe or steel-vault wall	Feb. 26	Mar. 22	Y-106	236
1026583	May 14, 1912	Bleaching apparatus	Feb. 26	Mar. 26	X-106	446
1026851	May 21, 1912	Process of manufacturing black sulfurized coloring matters.	Feb. 26	Mar. 22	H-106	329
1026962	May 21, 1912	Manufacture of azo coloring matter.	Feb. 23	Mar. 24	T-106	271

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1027004	May 21, 1912	Process of manufacturing porous bodies.	Feb. 28	Mar. 21	S-106	227
1027153	May 21, 1912	Process of manufacturing strongly absorbent coal.	Feb. 28	Mar. 24	H-106	383
1027333	May 21, 1912	Oxygen-generating composition	Feb. 28	Mar. 24	W-106	394
1027441	May 28, 1912	Isolated alkali salts of indoxyl and process of making same.	Feb. 26	Apr. 9	L-106	419
1027790	May 28, 1912	Pancreas preparation suitable for the treatment of diabetes.	Feb. 25	Apr. 9	Z-106	233
1027844	May 28, 1912	Process of making a soluble compound of iron-glycero-phosphate combined with milk or milk albumin.	Feb. 26	Mar. 22	G-106	311
1027862	May 28, 1912	Apparatus for the separation of hydrogen from a gaseous mixture.	Feb. 28	Mar. 22	H-106	322
1027863	May 28, 1912	Apparatus for the separation of hydrogen.	Feb. 28	Mar. 22	H-106	329
1027967	May 28, 1912	Art of preparing iron-albuminous compounds containing phosphorus.	Feb. 28	Mar. 25	R-106	301
1028006	May 28, 1912	Manufacture and production of fast ortho-oxy-azo dyestuffs.	Feb. 23	Mar. 24	T-106	371
1028074	May 28, 1912	Ortho-oxalic-acid ester of meta-cresol and process for the manufacture of same.	Feb. 28	Mar. 25	U-106	280
1028101	June 4, 1912	Arseno compound	Feb. 26	Apr. 9	L-106	419
1028139	June 4, 1912	Manufacture of azo dyestuffs of the anthraquinone series and process of making same.	Feb. 26	Apr. 9	L-106	419
1028140	June 4, 1912	Black disazo dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	419
1028216	June 4, 1912	Melting and casting magnesium and alloys thereof.	Feb. 26	Mar. 22	R-106	308
1028239	June 4, 1912	Color-lake and process of manufacturing same.	Feb. 28	Mar. 25	J-106	337
1028282	June 4, 1912	Apparatus for producing vegetable extracts.	Feb. 26	Mar. 22	T-106	340
1028366	June 4, 1912	Apparatus for producing hydrogen gas.	Feb. 25	Mar. 21	P-106	276
1028521	June 4, 1912	Anthracene derivatives and process of making same.	Feb. 26	Mar. 22	J-106	309
1028595	June 4, 1912	Tin-oxidising furnace	Feb. 28	Mar. 25	I-106	374
1028650	June 4, 1912	Process of diffusion	Feb. 28	Mar. 21	J-106	235
1028748	June 4, 1912	Filaments and other products obtained from cellulose compounds.	Feb. 26	Mar. 24	P-106	343
1028903	June 11, 1912	Art of making insulating building material.	Feb. 28	Mar. 25	S-106	233
1028911	June 11, 1912	Reddish blue vat dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	419
1029327	June 11, 1912	Preparation for regenerating metals.	Mar. 1	Mar. 25	J-106	335
1029341	June 11, 1912	Transforming formyl esters of cellulose or solutions of the same into plastic solutions.	Feb. 28	Mar. 22	X-106	317
1029379	June 11, 1912	Method of separating substances in suspension by washing.	Feb. 28	Mar. 21	S-106	237
[1] 14383	Jan. 7, 1919	Same	Feb. 28	Mar. 21	S-106	237
1029639	June 18, 1912	Black disazo dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	419
1030177	June 18, 1912	Process of producing ketones of high boiling points from acetone and homologues thereof.	Feb. 26	Mar. 24	W-106	395
1030251	June 18, 1912	Process of producing cellulose products.	Feb. 28	Mar. 24	X-106	304
1030334	June 25, 1912	Process of manufacturing camphene.	Feb. 28	Mar. 25	I-106	343
1030916	July 2, 1912	Process of producing acetylene tetrachlorid.	Feb. 28	Mar. 25	S-106	231

[1] Reissue.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1031227	July 2, 1912	Manufacture of asphalt blocks, slabs, and the like.	Feb. 26	Mar. 22	Y-106	197
1031638	July 2, 1912	Process for preparing fuel from peat.	Mar. 1	Mar. 22	Y-106	230
1031823	July 9, 1912	Color lake and process of making same.	Feb. 26	Apr. 9	L-106	419
1031837	July 9, 1912	Process of manufacturing caoutchouclike products.	Feb. 25	Mar. 21	X-106	310
1031900	July 9, 1912	Manufacture of hollow bodies from quartz.	Feb. 28	Mar. 25	U-106	308
1032123	July 9, 1912	Manufacture of phenylates 6.6 Diquinolyl-4.4-dicarboxylic acids and homologues.	Feb. 25	Apr. 9	Z-106	358
1032400	July 16, 1912	Process of treating ores	Feb. 26	Mar. 24	K-106	331
1032433	July 16, 1912	Black monoazo dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	419
1032642	July 16, 1912	Tasteless quinine compound and process of making same.	Feb. 25	Mar. 22	Y-106	199
1032779	July 16, 1912	Radio-active material	Feb. 27	Mar. 25	R-106	374
1032951	July 16, 1912	Radio-active material	Feb. 27	Mar. 25	R-106	374
1032988	July 16, 1912	Process of obtaining cyanogen and its compounds.	Feb. 24	Mar. 22	G-106	298
1033126	July 23, 1912	Method of producing endothermic compounds from their components.	Feb. 26	Mar. 22	P-106	298
1033285	July 23, 1912	Explosive charge	Mar. 1	Mar. 22	Y-106	243
1033352	July 23, 1912	Metallurgical product	Feb. 28	Mar. 25	T-106	331
1033398	July 23, 1912	Metallic vessel for liquefied gases	Feb. 28	Mar. 24	J-106	281
1033537	July 23, 1912	Safety explosive	Feb. 26	Mar. 22	I-106	237
1033626	July 23, 1912	Apparatus for testing gas	Mar. 1	Mar. 22	Y-106	230
1033757	July 23, 1912	Process for manufacture of new kind of parchment paper.	Mar. 1	Mar. 22	S-106	272
1033779	July 30, 1912	Process of drying peat	Feb. 28	Mar. 22	G-106	292
1033807	July 30, 1912	Method of producing dry yeast	Mar. 1	Mar. 22	R-106	304
1033904	July 30, 1912	Arseno compounds and process o making same.	Feb. 26	Apr. 9	L-106	419
1034036	July 30, 1912	Process of producing food fats	Feb. 28	Mar. 25	I-106	360
1034235	July 30, 1912	Process of manufacturing artificial threads.	Feb. 28	Mar. 22	I-106	298
1034320	July 30, 1912	Manufacture of alkali metals	Feb. 26	Mar. 22	J-106	269
1034652	Aug. 6, 1912	Process of preserving timber by means of phenolate solutions.	Feb. 28	Mar. 25	X-106	438
1034745	Aug. 6, 1912	Preparation of printing plates	Feb. 28	Mar. 22	V-106	308
1034856	Aug. 6, 1912	Biological preparation for the production of intestinal peristalsis.	Feb. 25	Apr. 9	Z-106	358
1034887	Aug. 6, 1912	Process for regenerating storage battery plates.	Feb. 28	Mar. 22	U-106	184
1034974	Aug. 6, 1912	Method of converting ammonium sulfite into ammonium sulfate.	Feb. 24	Mar. 21	U-106	128
1035202	Aug. 13, 1912	Process for the production of reactionary substances for the generation of heat.	Feb. 27	Mar. 21	P-106	270
1035486	Aug. 13, 1912	Grenade	Mar. 1	Mar. 22	Y-106	242
1035615	Aug. 13, 1912	Process of forming an insoluble substance from the roots of plants of the amorphophallus family.	Mar. 1	Mar. 24	L-106	284
1035758	Aug. 13, 1912	Process of making stable compounds containing hydrogen peroxid.	Feb. 25	Mar. 22	Y-106	248
1035815	Aug. 13, 1912	Process of removing fat and impurities from vegetables and animal materials.	Feb. 28	Mar. 21	G-106	279
1035873	Aug. 20, 1912	Process of producing endothermic gas reactions and apparatus therefor.	Feb. 28	Mar. 22	T-106	257
1035972	Aug. 20, 1912	Process for the removal of carbon disulfid from gases.	Feb. 25	Mar. 22	R-106	303

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				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1036087	Aug. 20, 1912	Halogenphenolalkali salts and process for the manufacture of same.	Feb. 26	Mar. 22	Y-106	218
1036170	Aug. 20, 1912	Mass for filling tires of vehicles	Feb. 28	Mar. 21	L-106	211
1036176	Aug. 20, 1912	Explosive charge and explosive body of projectile, mines, and torpedoes.	Mar. 1	Mar. 21	Z-106	123
1036224	Aug. 20, 1912	Process of making penta-and hex-a-chlorethanes.	Feb. 28	Mar. 25	S-106	321
1036405	Aug. 20, 1912	Art of making iron-albuminous compounds.	Feb. 28	Mar. 25	R-106	390
1036622	Aug. 27, 1912	Process for producing thyroid-gland extracts.	Feb. 26	Mar. 24	L-106	253
1036705	Aug. 27, 1912	Method for the production of anhydrous hydrosulfites.	Feb. 28	Mar. 22	H-106	335
1036728	Aug. 27, 1912	Compound for polishing leather and the like.	Feb. 28	Mar. 25	F-106	377
1036784	Aug. 27, 1912	5 - Nitro - 2 - aminobenzene - 1-arsinic acid.	Feb. 26	Apr. 9	L-106	419
1036831	Aug. 27, 1912	Process of purifying clay, etc.	Feb. 28	Mar. 24	P-106	323
1036906	Aug. 27, 1912	Granular explosive, especially suitable for the preparation of pressed pieces, and method of making the same.	Mar. 1	Mar. 22	Y-106	243
1036941	Aug. 27, 1912	Bleaching apparatus	Feb. 28	Mar. 25	T-106	344
1037061	Aug. 27, 1912	Process of manufacturing nitrogen compounds.	Feb. 28	Mar. 24	P-106	340
1037158	Aug. 27, 1912	Process of manufacturing substitutes for oils, caoutchouc, resins and the like.	Feb. 27	Mar. 24	X-106	390
1037280	Sept. 3, 1912	Apparatus for removing lye from fabrics.	Feb. 28	Mar. 22	L-106	227
1037464	Sept. 3, 1912	Superphosphate chamber	Mar. 1	Mar. 22	S-106	263
1037479	Sept. 3, 1912	Apparatus for coking briquets	Feb. 28	Mar. 21	S-106	218
1037585	Sept. 3, 1912	Electrolysis of liquids	Feb. 25	Mar. 21	Z-106	125
1037685	Sept. 3, 1912	Casein derivatives and process for the manufacture of the same.	Feb. 26	Mar. 22	V-106	292
1037997	Sept. 10, 1912	Producing a remedy for tuberculosis	July 28	Aug. 25	D-106	344
			Feb. 26	Apr. 9	L-106	419
1038003	Sept. 10, 1912	Banthraquinonyl urea-chlorid and process of making same.	Feb. 26	Apr. 9	L-106	419
1038027	Sept. 10, 1912	Manufacture of hydroquinin	Mar. 1	Mar. 25	Z-106	220
1038152	Sept. 10, 1912	Revolver cotton-mercerizing machine.	Feb. 28	Mar. 24	U-106	234
1038194	Sept. 10, 1912	Method of preparing halogen-oxygen compounds by electrolysis.	Mar. 1	Mar. 22	Y-106	243
1038205	Sept. 10, 1912	Heater for zinc-reducing furnaces	Feb. 28	Mar. 21	Z-106	142
1038292	Sept. 10, 1912	Safety explosive	Feb. 26	Mar. 22	I-106	287
1038884	Sept. 17, 1912	Azo dye	Feb. 26	Mar. 22	H-106	301
1039204	Sept. 24, 1912	Method of placing container in projectile.	Mar. 1	Mar. 22	Y-106	243
1039266	Sept. 24, 1912	Diaphragm for electrolysis	Feb. 25	Mar. 22	L-106	214
1039356	Sept. 24, 1912	Process of making anhydrous tetrachlorid of tin from dioxid.	Feb. 24	Mar. 21	Y-106	109
1039459	Sept. 24, 1912	Placing containers in projectiles	Mar. 1	Mar. 22	Y-106	242
1039533	Sept. 24, 1912	Means for heating briquets and the like.	Feb. 28	Mar. 21	S-106	218
1039851	Oct. 1, 1912	Method and apparatus for the carrying out of gas reactions by means of an electric arc.	Mar. 1	Mar. 22	Y-106	243
1039852	Oct. 1, 1912	Method of an apparatus for carrying out gas reactions by the use of an electric arc.	Mar. 1	Mar. 22	Y-106	243
1039875	Oct. 1, 1912	Preparation of formic esters	Feb. 27	Mar. 25	R-106	373
1039961	Oct. 1, 1912	Process of decaffeinating coffee beans.	Feb. 28	Mar. 21	G-106	294
1039999	Oct. 1, 1912	Process of maintaining the vitality of dried yeast.	Mar. 1	Mar. 25	R-106	338
1040218	Oct. 1, 1912	Process of purifying crude gas	Feb. 28	Mar. 2[illegible]	U-106	100

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1040260	Oct. 8, 1912	2.5-diaminobenzene-arsenic acid	Feb. 26	Apr. 9	L-106	419
1040323	Oct. 8, 1912	Process of purifying monochlorhydrin.	Mar. 1	Mar. 22	Y-106	242
1040379	Oct. 8, 1912	Process of treating nitric acid by electrolysis.	Feb. 26	Apr. 9	L-106	419
1040665	Oct. 8, 1912	Manufacture of a stable preparation from hydrogen peroxid and urea.	Feb. 28	Mar. 24	P-106	325
1040708	Oct. 8, 1912	Hydrocarbon soap and process of making same.	Feb. 28	Mar. 25	P-106	367
1040818	Oct. 8, 1912	Electric furnace	Feb. 18	Mar. 25	L-106	317
1040850	Oct. 8, 1912	Process of preparing condensates from casein, phenols, and formic aldehyde and the product obtained thereby.	Feb. 25	Mar. 21	I-106	245
1041146	Oct. 15, 1912	Dyestuff	Feb. 26	Apr. 9	L-106	419
1041357	Oct. 15, 1912	Process of producing effervescent baths.	Feb. 18	Mar. 25	F-106	374
1041528	Oct. 15, 1912	Manufacture of esters of the hydrocinchona alkaloids.	Mar. 1	Mar. 25	Z-106	259
1041583	Oct. 15, 1912	Process of obtaining porous and fairly pure barium oxid from barium carbonate.	Feb. 25	Mar. 21	T-106	197
1041587	Oct. 15, 1912	Process of producing dyed cellulose ester.	Feb. 25	Mar. 21	T-106	200
1041604	Oct. 15, 1912	Process for preparing an oil suitable for impregnating porous bodies.	Feb. 25	Mar. 22	U-106	183
1041681	Oct. 15, 1912	Composition of matter and method of preserving and fireproofing wood.	Feb. 28	Mar. 24	P-106	350
1041682	Oct. 15, 1912	Compositions of matter and methods of preserving and fireproofing wood.	Feb. 28	Mar. 24	P-106	350
1041790	Oct. 22, 1912	Process for electrolytic cleansing	Feb. 26	Mar. 22	G-106	302
1041894	Oct. 22, 1912	Detonator for hand grenades	Mar. 1	Mar. 22	Y-106	242
1041919	Oct. 22, 1912	Dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	419
1042113	Oct. 22, 1912	Process of making artificial stone	Feb. 26	Mar. 22	X-106	333
1042179	Oct. 22, 1912	Process and furnace for producing gas reactions.	Feb. 28	Mar. 24	W-106	418
1042198	Oct. 22, 1912	Red disazo dye	Feb. 26	Mar. 22	H-106	301
1042315	Oct. 22, 1912	Process of recovering zinc from galvanized-iron articles.	Mar. 1	Mar. 25	T-106	323
1042356	Oct. 22, 1912	Disazo dyes and process of making same.	Feb. 26 Mar. 22	Mar. 22 Mar. 26	J-106 R-106	269 396
1042408	Oct. 29, 1912	Dyestuff of the triphenylmethane series and process of making same.	Feb. 26	Apr. 9	L-106	419
1042605	Oct. 29, 1912	Manufacture of hypophosphoric acid and of its salts.	Feb. 28	Mar. 22	U-106	214
1042643	Oct. 29, 1912	Method for the detonation of explosives.	Mar. 1	Mar. 22	X-106	322
1042739	Oct. 29, 1912	Apparatus for steeping grain	Feb. 28	Mar. 21	W-106	361
1042803	Oct. 29, 1912	Press for filtering fluids	Feb. 25	Mar. 22	Z-106	175
1042837	Oct. 29, 1912	Process for obtaining metal printing plates with silver-salt gelatin emulsion.	Feb. 28	Mar. 21	S-106	232
1042839	Oct. 29, 1912	Pressure fuse for projectiles, mines, torpedoes, etc.	Mar. 1	Mar. 22	Y-106	242
1042915	Oct. 29, 1912	Process for manufacturing oils soluble in water.	Feb. 26	Mar. 22	G-106	308
1042921	Oct. 29, 1912	Vat dyestuffs of the anthracene series and process of making same.	Feb. 26	Mar. 22	J-106	269
1042999	Oct. 29, 1912	Process of hardening steel poor in carbon.	Feb. 28	Mar. 21	Q-106	261
1043007	Oct. 29, 1912	Process for obtaining the inner secretions of the thyroid glands and other organs in a pure state.	Feb. 26	Mar. 24	L-106	253

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			1919.	1919.		
1043209	Nov. 5, 1912	Process of preparing a refined extract from cascara sagrada.	Feb. 25	Mar. 22	Z-106	161
1043271	Nov. 5, 1912	Yellowish-green pigment dyes and process of making same.	Feb. 26	Apr. 9	L-106	419
1043452	Nov. 5, 1912	Method of direct recovery of tar and ammonia from distillation gases.	Feb. 28	Mar. 21	Y-106	192
1043468	Nov. 5, 1912	Manufacture of brominated blue indigo dyestuff.	Feb. 26	Apr. 9	L-106	419
1043873	Nov. 12, 1912	Brown azo dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
1043937	Nov. 12, 1912	Anode and process of manufacturing same.	Feb. 25	Mar. 24	T-106	290
1043985	Nov. 12, 1912	Process for the preparation of formic acid from the reaction mixture of formates and mineral acid.	Feb. 27	Mar. 24	Z-106	238
1044169	Nov. 12, 1912	Manufacture from acetylene of acetaldehyde and condensation and polymerization products thereof.	Feb. 26	Mar. 22	J-106	269
1044261	Nov. 12, 1912	Artificial grindstone	Feb. 28	Mar. 22	Q-106	300
1044317	Nov. 12, 1912	Oil-testing machine	Mar. 1	Mar. 25	T-106	348
1044933	Nov. 19, 1912	Process of making vat dyes of the anthracene series.	Feb. 26	Mar. 22	J-106	269
1044909	Nov. 19, 1912	Apparatus for testing air or other gases.	Feb. 25	Mar. 26	P-106	382
1045196	Nov. 26, 1912	Azo dyestuffs	Feb. 26	Apr. 9	L-106	419
1045377	Nov. 26, 1912	Methyl - ester of 8 - methoxy - 2 - phenyl - quinolin - 4 - carboxylic acid.	Feb. 25	Apr. 9	Z-106	358
1045378	Nov. 26, 1912	Ethyl - ester of 8 - methoxy - 2 - phenylo - quinolin - 4 - carboxylic acid.	Feb. 25	Apr. 9	Z-106	358
1045379	Nov. 26, 1912	Methyl ester of 6-methyl 2-phenyl-quinolin 4 carboxylic acid.	Feb. 25	Apr. 9	Z-106	359
1045451	Nov. 26, 1912	Process of making solid stable compounds containing hydrogen peroxid.	Feb. 25	Mar. 22	Y-106	246
1045590	Nov. 26, 1912	Recovery of ammonia from distillation gases.	Apr. 8	Apr. 9	N-106	494
1045650	Nov. 26, 1912	Regenerative furnace	Mar. 1	Mar. 25	T-106	341
1045759	Nov. 26, 1912	Ethyl ester of 6-methyl 2-phenyl-quinolin 4 carboxylic acid.	Feb. 25	Apr. 9	Z-106	358
1045982	Dec. 3, 1912	Process obtaining emulsions in combination with solid substances.	Feb. 28	Mar. 21	J-106	227
1046402	Dec. 3, 1912	Apparatus for the treatment of carcasses, slaughterhouse wastes, and the like.	Feb. 26	Mar. 22	X-106	343
1046498	Dec. 10, 1912	Halogenized condensation product of the anthracene series and process of making same.	Feb. 26	Apr. 9	L-106	419
1046729	Dec. 10, 1912	Process of producing formyl cellulose.	Feb. 28	Mar. 22	X-106	317
1047360	Dec. 17, 1912	Process of separating zinc and lead from mixed sulfids.	Feb. 28	Mar. 21	J-106	234
1047077	Dec. 10, 1912	Process for the manufacture of barium oxid.	Feb. 25	Mar. 21	K-106	279
1047923	Dec. 24, 1912	Process of dyeing vegetable fiber.	Feb. 25	Mar. 22	L-106	221
1047940	Dec. 24, 1912	Vat dyestuff of the anthraquinone series and the process of making same.	Feb. 26	Apr. 9	L-106	419
1048002	Dec. 24, 1912	Derivatives of dioxydiaminoarsenobenzene and process of making same.	Feb. 26	Apr. 9	L-106	419
1048185	Dec. 24, 1912	Making clear and durable hemoglobin preparations.	Feb. 26	Mar. 21	W-106	341
1048294	Dec. 24, 1912	Ferric tanning process	Feb. 28	Mar. 24	X-106	368

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1048342	Dec. 24, 1912	Process of manufacturing artificial belt or sole leather and like products.	Feb. 28	Mar. 25	V-106	363
1048425	Dec. 24, 1912	Distilling column	Mar. 21	Mar. 26	L-106	348
1048528	Dec. 31, 1912	Method of producing wall and door linings.	Feb. 28	Mar. 24	T-106	297
1048699	Dec. 31, 1912	Process of manufacturing urea	Feb. 28	Mar. 24	V-106	331
1048709	Dec. 31, 1912	Treatment of skins and hides for the removal of fat, etc.	Feb. 26	Mar. 24	J-106	293
1048763	Dec. 31, 1912	Mixing machine	Feb. 26	Apr. 9	L-106	419
1048892	Dec. 31, 1912	Apparatus for extracting rubber	Mar. 1	Mar. 25	F-106	371
1048953	Dec. 31, 1912	Manufacture of sulfuric acid	Feb. 26	Mar. 22	J-106	269
1049109	Dec. 31, 1912	Violet cotton dyes	Feb. 26	Mar. 22	J-106	269
1049172	Dec. 31, 1912	Manufacture of esters of the hydrocinchona alkaloids.	Mar. 1	Mar. 25	Z-106	259
1049201	Dec. 31, 1912	Process for recovering copper from the wash liquors employed in the cuprammonia cellulose process.	Feb. 28	Mar. 22	X-106	317
1049624	Jan. 7, 1913	Means for joining electrodes	Feb. 26	Mar. 25	Q-106	352
1049665	Jan. 7, 1913	Detonating fuse	Mar. 1	Mar. 22	X-106	322
1049666	Jan. 7, 1913	Detonating fuse	Mar. 1	Mar. 22	X-106	322
[illegible]	Jan. 7, 1913	Process of purifying sodiumphosphate waste liquors.	Feb. 27	Mar. 24	J-106	298
1049916	Jan. 7, 1913	Tar paint and process of manufacture.	Feb. 27	Mar. 25	V-106	358
1050179	Jan. 14, 1913	Violet tetrachloriindigo and process of making same.	Feb. 26	Apr. 9	L-106	419
1050299	Jan. 14, 1913	Process of producing a remedy for tuberculosis.	Feb. 26	Apr. 9	L-106	419
1050303	Jan. 14, 1913	Article for electrolytic purposes	Feb. 26	Mar. 24	X-106	411
1050453	Jan. 14, 1913	Process of making high-percentage crystallized potassium hydrate.	Feb. 28	Mar. 25	S-106	321
1050696	Jan. 14, 1913	Process for rapidly separating emulsions formed by aqueous liquids with fatty substances of any kind.	Feb. 28	Mar. 21	Z-106	147
1050829	Jan. 21, 1913	Anthraquinone vat dye	Feb. 26	Mar. 22	H-106	301
1051035	Jan. 21, 1913	Method of making transparent quartz glass.	Feb. 28	Mar. 24	L-106	286
1051036	Jan. 21, 1913	Electric resistance melting furnace.	Feb. 28	Mar. 24	L-106	287
1051060	Jan. 21, 1913	Apparatus for electrolyzing liquids.	Feb. 25	Mar. 24	T-106	290
1051520	Jan. 28, 1913	High-per-cent salvarsan emulsion	Feb. 28	Mar. 21	U-106	169
1051582	Jan. 28, 1913	Process of husking kernels of seeds and obtaining products therefrom.	Feb. 26	Mar. 24	Y-106	276
1052216	Feb. 4, 1913	Apparatus for absorbing carbonic acid from air.	Mar. 1	Mar. 22	I-106	285
1052430	Feb. 4, 1913	Vulcanizing distinct parts or surfaces of rubber.	Feb. 28	Mar. 21	P-106	289
1052480	Feb. 11, 1913	Dyestuffs of the anthraquinone series and process of making same.	Feb. 26	Apr. 9	L-106	419
1052520	Feb. 11, 1913	Condensation products of the anthracene series and process of making same.	Feb. 26	Apr. 9	L-106	419
1052716	Feb. 11, 1913	Manufacture on the paper machine of paper having relief-like effect.	Feb. 26	Apr. 9	L-106	419
1052924	Feb. 11, 1913	Process for the manufacture of a product from which red lead can be burnt.	Feb. 28	Mar. 24	Z-106	202
1052958	Feb. 11, 1913	Filter	Feb. 28	Mar. 21	T-106	213
1053240	Feb. 18, 1913	Puranolene derivative	Feb. 26	Apr. 9	L-106	419
1053300	Feb. 18, 1913	Derivatives of diaminodioxy arsenobenzene and process of making same	Feb. 26	Apr. 9	L-106	419
[1]13848	Dec. 15, 1914		Mar. 22	Mar. 26	R-106	393
1053690	Feb. 18, 1913	Manufacture of acetyl derivatives of the alkylated iminopyrimidins.	Feb. 25	Apr. 9	Z-106	358
1053381	Feb. 18, 1913	Process of treating ores, etc	Feb. 26	Mar. 24	K-106	334
1053454	Feb. 18, 1913	Process of improving the quality of malleable iron and steel.	Feb. 26	Mar. 22	V-106	303

[1]Reissue.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1053456	Feb. 18, 1913	Production of ammonium nitrate from ammoniacal gases.	Feb. 28	Mar. 22	V-106	305
1053911	Feb. 18, 1913	Machine for mercerizing yarn in skeins.	Feb. 26	Mar. 24	Y-106	283
1054039	Feb. 25, 1913	Stable indigo-white preparations and process of making same.	Feb. 26	Apr. 9	L-106	419
1054049	Feb. 25, 1913	Method of casting explosive charges	Mar. 1	Mar. 22	Y-106	242
1054147	Feb. 25, 1913	Cast explosive charge	Mar. 1	Mar. 22	Y-106	242
1054250	Feb. 25, 1913	Process of obtaining pure phosphorus sesquisulfid.	Feb. 26	Mar. 22	J-106	269
1054414	Feb. 25, 1913	Treating sugar liquors	Feb. 28	Mar. 24	L-106	251
1054460	Feb. 25, 1913	Method of revivifying or restoring permutit.	Feb. 27	Mar. 22	K-106	316
1054497	Feb. 25, 1913	Apparatus for the electrolysis of salt solutions.	Feb. 25	Mar. 21	Z-106	125
1054589	Feb. 25, 1913	Device for the production of pure air.	Feb. 28	Mar. 21	Y-106	183
1054735	Mar. 4, 1913	Process for the preparation of formates of chromium, aluminium, and iron.	Feb. 28	Mar. 25	R-106	379
1055135	Mar. 4, 1913	Process of making photographs in natural colors.	Mar. 1	Mar. 22	T-106	239
1055189	Mar. 4, 1913	Process of producing three-color screens.	Mar. 1	Mar. 21	M-106	383
1055295	Mar. 4, 1913	Electrode for producing ares	Mar. 1	Mar. 22	Y-106	243
1055331	Mar. 11, 1913	Apparatus for carrying out gas reactions, particularly for the production of oxid of nitrogen in the electric arc.	Feb. 26	Mar. 24	R-106	329
1055454	Mar. 11, 1913	Gum pencil	Feb. 26	Mar. 24	J-106	274
1055475	Mar. 11, 1913	Hop-extracting apparatus	Feb. 28	Mar. 24	G-106	310
1055495	Mar. 11, 1913	Process for treating ores	Mar. 21	Mar. 26	S-106	367
1055504	Mar. 11, 1913	Salting apparatus	Feb. 25	Mar. 21	I-106	233
1055513	Mar. 11, 1913	Production of viscous cellulose solutions.	Feb. 28	Mar. 22	X-106	317
1055514	Mar. 11, 1913	Process of obtaining tasteless and inodorous lecithin.	Feb. 25	Mar. 21	Q-106	290
1056340	Mar. 18, 1913	Method of production of arsenate of lead.	Feb. 28	Mar. 24	G-106	324
1056365	Mar. 18, 1913	Explosive and process of producing same.	Mar. 1	Mar. 25	V-106	359
1056366	Mar. 18, 1913	Sulfite-waste explosive	Mar. 1	Mar. 25	V-106	359
1056367	Mar. 18, 1913	Continuous process for producing explosives.	Mar. 1	Mar. 25	V-106	359
1056456	Mar. 18, 1913	Electric furnace for melting and liquefying ferro-alloys.	Feb. 28	Mar. 22	Q-106	293
1056881	Mar. 25, 1913	Alkylsulfites of amino-substituted pyrazolones and process of making same.	Feb. 26	Apr. 9	L-106	419
1056913	Mar. 25, 1913	Albuminimeter	Mar. 1	Mar. 21	M-106	372
1057199	Mar. 25, 1913	Composition of matter to be used as an oil paint.	Feb. 25	Mar. 21	J-106	244
1057281	Mar. 25, 1913	Oxygen bath	Feb. 28	Mar. 25	F-106	374
1057284	Mar. 25, 1913	Process for artificially staining woods.	Feb. 28	Mar. 24	Y-106	301
1057437	Apr. 1, 1913	Manufacture of glycoheptonic acid.	Feb. 28	Mar. 24	L-106	276
1057584	Apr. 1, 1913	Multiple-floor furnace for roasting ores.	Feb. 28	Mar. 22	Q-106	295
1057673	Apr. 1, 1913	Process for the removal of inert substances from blood serums, etc.	Feb. 28	Mar. 21	U-106	163
1057680	Apr. 1, 1913	Production of isoprene	Feb. 25	Apr. 9	Z-106	356
1057886	Apr. 1, 1913	Mode of manufacturing a new form of synthetic indigo.	Feb. 26	Apr. 9	L-106	419
1057887	Apr. 1, 1913	Process of manufacturing finely divided colloidlike indigo.	Feb. 26	Apr. 9	L-106	419
1057905	Apr. 1, 1913	Apparatus for drying and heating ladles, etc.	Feb. 28	Mar. 22	S-106	286

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			1919.	1919.		
1057931	Apr. 1, 1913	Process of making soap in the form of tablets or the like.	Feb. 26	Mar. 22	I-106	277
1058019	Apr. 1, 1913	Synthetic indigo in a new form and process of making same.	Feb. 26	Apr. 9	L-106	419
1058020	Apr. 1, 1913	Synthetic indigo in a new form and process of making same.	Feb. 26	Apr. 9	L-106	419
1058021	Apr. 1, 1913	Dry colloidlike indigo and process of making same.	Feb. 26	Apr. 9	L-106	419
1058633	Apr. 8, 1913	Process for dissociating fats, oils, and waxes.	Feb. 28	Mar. 25	P-106	368
1058653	Apr. 8, 1913	Process for carrying through chemical gas reactions by means of an enlarged electrical discharge.	Feb. 25	Mar. 22	Y-106	206
1058686	Apr. 8, 1913	Process of obtaining potash and cement clinker.	Feb. 28	Mar. 24	I-106	323
1058898	Apr. 15, 1913	Process for the manufacture of cellulose from wood, wood chips, straw, reed, and like material.	Mar. 1	Mar. 25	L-106	308
1058904	Apr. 15, 1913	Process for the formation of calcium salt of acetylsalicylic acid.	Feb. 28	Mar. 25	W-106	433
1058980	Apr. 15, 1913	Baking powder	Feb. 28	Mar. 21	J-106	220
1059150	Apr. 15, 1913	Process of manufacturing briquets from ore or blast-furnace dust.	Mar. 1	Mar. 21	S-106	310
1059195	Apr. 15, 1913	Process of producing minium	Feb. 27	Mar. 21	Y-106	194
1059431	Apr. 22, 1913	Process for preventing the formation of boiler scale.	Feb. 28	Mar. 24	X-106	356
1059531	Apr. 22, 1913	Process for the preparation, isolation, and enrichment of radium and other radioactive substances.	Feb. 26	Mar. 22	J-106	355
1059571	Apr. 22, 1913	Yellow to brown wool dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	419
1059584	Apr. 22, 1913	Apparatus for decomposing oxids of nitrogen and the like.	Feb. 28	Mar. 21	W-106	350
1059740	Apr. 22, 1913	Making auxiliary mordants containing titanium and glycolic acids.	Feb. 28	Mar. 24	L-106	374
1059741	Apr. 22, 1913	Process of making auxiliary mordants containing antimony and glycolic acid.	Feb. 28	Mar. 24	L-106	374
1059809	Apr. 22, 1913	Manufacture of persulfates	Feb. 28	Mar. 24	Y-106	253
1059817	Apr. 22, 1913	Apparatus for the manufacture of hydrogen.	Feb. 28	Mar. 21	I-106	255
1059818	Apr. 22, 1913	Process for the manufacture of hydrogen from metals and water.	Feb. 28	Mar. 21	I-106	255
1059983	Apr. 29, 1913	Alkali compound of dioxydiaminoarsenobenzene.	Feb. 26	Apr. 9	L-106	419
1060765	May 6, 1913	Organic antimony compounds and process of making same.	Feb. 26	Mar. 24	Q-106	319
1061016	May 6, 1913	Process of melting ferro-alloys and keeping them in liquid state.	Feb. 28	Mar. 21	T-106	204
1061139	May 6, 1913	Art of preparing alkaloid salts	Feb. 25	Mar. 22	Y-106	199
1061392	May 13, 1913	Bleaching process	Feb. 28	Mar. 24	Q-106	335
1061587	May 13, 1913	Process of production of organic derivatives of arsenic acid.	Feb. 25	Mar. 26	Y-106	329
1061597	May 13, 1913	Process for treating iron-tanned leather.	Feb. 28	Mar. 24	X-106	368
1061713	May 13, 1913	Grain-steeping tank	Feb. 28	Mar. 21	W-106	351
1061781	May 13, 1913	Greenish-blue hexabromindigo	Feb. 26	Apr. 9	L-106	419
1061881	May 13, 1913	Process for the production of a plastic or blastic substance.	Feb. 27	Mar. 25	H-106	345
1061889	May 13, 1913	Process for the preparation of colored seleniferous and telluriferous substances.	Feb. 28	Mar. 24	L-106	296
1061949	May 13, 1913	Process for the recovery of by-products from gases of fuels.	Feb. 28	Mar. 26	K-106	408
1061977	May 20, 1913	Process for the production of viscous cellulose solutions.	Feb. 28	Mar. 22	X-106	317
1062106	May 20, 1913	Process for producing cellulose formations.	Feb. 26	Mar. 24	X-106	397

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			1919.	1919.		
1062122	May 20, 1913	Regenerator or hot-blast stove	Mar. 1	Mar. 24	Y-106	303
1062203	May 20, 1913	Manufacture and production of alkyl derivatives and substitutes, alkyl derivatives of hydrocupreine.	Mar. 1	Mar. 25	Z-106	259
1062245	May 20, 1913	Apparatus for treating fabric with liquids.	Feb. 28	Mar. 24	Q-106	325
1062351	May 20, 1913	Process for the manufacture of monovalent phenols from monochlorosubstitution products of aromatic hydrocarbons.	Feb. 28	Mar. 24	Q-106	338
1062431	May 20, 1913	Method of purifying carbon for carbon filaments.	Feb. 25	Mar. 21	Z-106	125
1062771	May 27, 1912	Paving block composition	Feb. 28	Mar. 22	Z-106	156
1063012	May 27, 1913	Process of treatment of fusible ceramic bodies for indicating temperature in furnaces.	Mar. 1	Mar. 22	I-106	280
1063025	May 27, 1913	Apparatus for the recovery of acid used in refining oils.	Feb. 26	Mar. 24	R-106	319
1063099	May 27, 1913	Acidylsalicylic acid ester and process of making same.	Feb. 28	Mar. 21	J-106	236
1063252	June 3, 1913	Machine for printing carpet yarns	Feb. 26	Apr. 9	L-106	419
1063383	June 3, 1913	Art of making hydrogen peroxid	Feb. 28	Mar. 24	R-106	343
1063469	June 3, 1913	Smokeless nitrocellulose nitro-glycerin powder and method of making same.	Mar. 1	Mar. 25	W-106	440
1063679	June 3, 1913	Process of producing stable hydrogen-peroxid compounds.	Mar. 1 Feb. 28	Mar. 24 Mar. 24	X-106 X-106	388 374
1063746	June 3, 1913	Process of preparing hydrogenised products from unsaturated compounds.	Feb. 25	Mar. 22	Y-106	199
1063870	June 3, 1913	Process for making a viscous, stringy, adhesive substance.	Feb. 28	Mar. 24	I-106	329
1063893	June 3, 1913	Process for magnetic separation of ores out of slimes.	Feb. 26	Mar. 24	X-106	411
1064227	June 10, 1913	Salt of hexamethylenetetramin and process of making same.	Feb. 26	Apr. 9	L-106	419
1064260	June 10, 1913	Process for the manufacture of cellulose solutions.	Feb. 28	Mar. 22	V-106	298
1064279	June 10, 1913	Toning bath for photographic silver prints.	Feb. 25	Apr. 9	Z-106	358
1064481	June 10, 1913	Annealing apparatus	Feb. 28	Mar. 21	L-106	195
1064550	June 10, 1913	Process of utilising the waste gases of combustion from Portland-cement, lime, and other kilns.	Feb. 28	Mar. 22	K-106	312
1065063	June 17, 1913	Benzoquinone derivatives and process of making same.	Feb. 26	Apr. 9	L-106	419
*751646	Mar. 1, 1913					
1065405	June 24, 1913	Dyestuffs of the triphenylmethane series and process of making same.	Feb. 26 Mar. — Apr. 2	Apr. 9 Mar. 26 Apr. 9	L-106 K-106 N-106	419 409 483
*13989	Aug. 24, 1915					
1065651	June 24, 1913	Air pyrometer	Feb. 28	Mar. 21	L-106	237
1065684	June 24, 1913	Application of adhesive substances to textile fabrics and the like.	Feb. 25	Mar. 22	I-106	293
1065855	June 24, 1913	Process of manufacturing alloys	Feb. 28	Mar. 22	S-106	419
1065950	July 1, 1913	Red azo dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	485
1066231	July 1, 1913	Manufacture of leather and leather-like products.	Feb. 26	Mar. 22	X-106	343
1066322	July 1, 1913	Active carbon and process of making same.	Feb. 28	Mar. 25	W-106	430
1066364	July 1, 1913	Process of producing soluble albumen powder.	Feb. 25	Mar. 21	U-106	134
1066391	July 1, 1913	Producer of inert gases	Feb. 28	Mar. 24	L-106	288
1066397	July 1, 1913	Process and contrivance for production particularly of sugar crystals in vacuum.	Feb. 28	Mar. 24	V-106	323
1066405	July 1, 1913	Cerium iron automatic lighter	Mar. 1	Mar. 22	H-106	406

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			1919.	1919.		
1066758	July 8, 1913	Process for the manufacture of camphor from borneol or isoborneol.	Feb. 28	Mar. 25	T-106	335
1066777	July 8, 1913	Process of making nitroamino derivatives of the anthraquinone series.	Feb. 26	Mar. 22	J-106	269
1066785	July 8, 1913	Manufacture of artificial silk threads from cellulose.	Feb. 28	Mar. 24	Y-106	258
1067843	July 22, 1913	Method of recovering ammonia from coal gases and the like.	Feb. 28	Mar. 22	W-106	366
1068396	July 22, 1913	Process of making light bricks of blast-furnace slag.	Mar. 1	Mar. 21	S-106	226
1068522	July 29, 1913	Manufacture of zinc-sodium hydrosulfite.	Feb. 26	Mar. 22	J-106	269
1068611	July 29, 1913	Process of treating ores and metallurgical products.	Feb. 28	Mar. 21	K-106	294
1068716	July 29, 1913	Apparatus for producing hollow quartz bodies.	Feb. 28	Mar. 24	L-106	292
1069085	July 29, 1913	Process of recovering zinc and other volatile metals.	Mar. 1	Mar. 26	X-106	455
1069151	Aug. 5, 1913	Process for the production of an insulating coating on electrical conductors.	Feb. 27	Mar. 24	U-106	245
1069191	Aug. 5, 1913	Process and apparatus for roasting ores and recovering the gases thereform.	Feb. 18	Mar. 25	I-106	375
1069445	Aug. 5, 1913	Process for acetylating cellulose and its products of transformation.	Feb. 25	Apr. 9	Z-106	358
1069959	Aug. 12, 1913	Process of obtaining thorium	Feb. 26	Mar. 22	R-106	305
1069982	Aug. 12, 1913	Process of treating coffee beans for the elimination of deleterious constitutents thereof.	Feb. 28	Mar. 25	R-106	375
1070070	Aug. 12, 1913	Production of nitrates	Feb. 26	Mar. 22	P-106	298
1070138	Aug. 12, 1913	Process for the preparation of catalytic substances in a minutely divided state.	Feb. 26	Mar. 24	K-106	347
1070196	Aug. 12, 1913	Vat dyes and process of making same.	Feb. 26	Mar. 22	J-106	269
1070541	Aug. 19, 1913	Pentabromindigo	Feb. 26	Apr. 9	L-106	419
1070806	Aug. 19, 1913	Process of making oxalates	Feb. 26	Mar. 24	W-106	387
1070808	Aug. 19, 1913	Process for the destruction of animal and vegetable parasites in the soil.	Feb. 26	Mar. 24	J-106	287
1070828	Aug. 19, 1913	Extraction apparatus	Feb. 28	Mar. 21	I-106	272
1071022	Aug. 26, 1913	Apparatus for dyeing loose textile goods.	Feb. 26	Apr. 9	L-106	419
1071832	Sept. 2, 1913	Color lakes	Feb. 26	Apr. 9	L-106	419
1071833	Sept. 2, 1913	Red wood dyestuff and process of making same.	Feb. 26	Apr. 9	L-106	419
1071873	Sept. 2, 1913	Refining process for iron and steel by means of ferro-chromium alloy	Feb. 28	Mar. 21	Q-106	246
1072010	Sept. 2, 1913	Process of producing alkali-metal hydroxide directly from alkali-metal chlorids.	Feb. 26	Mar. 22	Z-106	167
1072032	Sept. 2, 1913	Explosive	Mar. 1	Mar. 25	V-106	359
1072034	Sept. 2, 1913	Process for bleaching solid and semi-solid fats of all kinds.	Feb. 28	Mar. 24	H-106	363
1072035	Sept. 2, 1913	Process for purifying and bleaching wax of all kinds.	Feb. 28	Mar. 24	H-106	363
1072209	Sept. 2, 1913	Process of extracting zinc from residues containing zinc, especially slags in reverberatory furnaces.	Feb. 25	Mar. 22	U-106	186
1072299	Sept. 2, 1913	Esters of polyhalogen compounds of alcohols with therapeutically active acids.	Feb. 28	Mar. 21	J-106	236
1073057	Sept. 8, 1913	Coke-oven door	Feb. 28	Mar. 21	G-106	261
1073233	Sept. 16, 1913	Process for obtaining a charge liquid particularly adapted for explosion motors from liquid hydrocarbons	Feb. 28	Mar. 24	W-106	390

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			1919.	1919.		
1073302	Sept. 16, 1913	Cooler for condensing mixtures of hydrocarbon and steam.	Feb. 28	Mar. 25	Y-106	319
1073380	Sept. 16, 1913	N-halogenalkyl-C, C-dialkyl barbituric acids and preparation of the same.	Mar. 1	Mar. 22	S-106	293
1073683	Sept. 23, 1913	Siemens-Martin furnace	Mar. 1	Mar. 21	I-106	231
1073684	Sept. 23, 1913	Electric furnaces	Feb. 25	Mar. 21	G-106	255
1073823	Sept. 23, 1913	Device for synthesizing gases	Feb. 28	Mar. 21	G-106	271
1073870	Sept. 23, 1913	Device for synthesizing gases	Feb. 26	Mar. 22	P-106	298
1073891	Sept. 23, 1913	Process of manufacturing artificial [illegible] threads, bands, and filaments.	Feb. 28	Mar. 25	Q-106	347
1073932	Sept. 23, 1913	Process for the manufacture of fluorescent substance.	Feb. 28	Mar. 25	T-106	338
1074008	Sept. 23, 1913	Folded filter	Feb. 28	Mar. 24	K-106	350
1074030	Sept. 23, 1913	N-halgenalkyl-C, D-dialkylbarbituric acids and preparation of the same.	Mar. 1	Mar. 22	S-106	293
1074263	Sept. 30, 1913	Method of densifying fusible-explosive nitro bodies.	Mar. 1	Mar. 22	I-106	305
1074390	Sept. 30, 1913	Apparatus for dyeing thread and like material.	Feb. 28	Mar. 25	V-106	372
1074400	Sept. 30, 1913	Process for treating peat, slime, and like subetances.	Feb. 28	Mar. 21	J-106	240
1074549	Sept. 30, 1913	Electrolytic apparatus	Feb. 26	Mar. 21	Z-106	233
1074633	Oct. 7, 1913	Process for the manufacture of diethyl sulfate.	Feb. 27	Mar. 24	X-106	389
1074881	Oct. 7, 1913	Dry viscose in a granular, soluble, and stable condition and process of preparing the same.	Feb. 28	Mar. 24	L-106	283
1074915	Oct. 7, 1913	Process of producing linerusta linoleum, or like diaperedlike cloth.	Feb. 28	Mar. 21	P-106	296
1074983	Oct. 7, 1913	Process of making artificial stone and product obtained thereby.	Feb. 25	Mar. 22	Q-106	291
1074893	Oct. 7, 1913	Method of rendering insufficiently ductile metals ductile.				
1075171	Oct. 7, 1913	Process for the manufacture of 2-phenylquinolin-4-carboxylic acid.	Mar. 1	Mar. 24	U-106	268
1075279	Oct. 7, 1913	Arsinic acids and process of making the same.	Feb. 25	Mar. 22	Y-106	199
1075537	Oct. 14, 1913	Nitroaminophenylarsinic acid	Feb. 26	Apr. 9	L-106	419
1075538	Oct. 14, 1913	Dimitrophenylarsinic acid	Feb. 26	Apr. 9	L-106	419
1075581	Oct. 14, 1913	Anhydrid of salicylic acid and process of preparing the same.	Feb. 28	Mar. 24	G-106	317
1075634	Oct. 14 1913	Process for the production of refractory electrically conducting molded bodies.	Feb. 26	Mar. 25	Q-106	332
1076141	Oct. 21, 1913	Preparation of radiothorium	Feb. 26	Mar. 24	I-106	344
1076160	Oct. 21, 1913	Hexamethylenetetramin salts of the a-phenylquinolin-carboxylic acids	Feb. 26	Apr. 9	L-106	419
1076232	Oct. 21, 1913	Method of restoring coagulated albumins to the original state.	Mar. 1	Mar. 25	V-106	357
1076321	Oct. 21, 1913	Brown azo dyestuffs	Feb. 26	Apr. 9	L-106	419
1076424	Oct. 21, 1913	Process of treating large fermentation vessels.	Feb. 26	Mar. 22	X-106	337
1076495	Oct. 21, 1913	Electric safety lamp	Feb. 26	Mar. 22	J-106	289
1076508	Oct. 21, 1913	Method of extracting alkali metals in form of nitrates from minerals.	Feb. 28	Mar. 21	I-106	273
1076703	Oct. 28, 1913	Process of preparing an oil	Mar. 1	Mar. 25	V-106	367
1076840	Oct. 28, 1913	Manufacture of diacidyl and higher acidylated compounds from aminoazo bases.	Feb. 23	Mar. 24	T-106	271
1077255	Nov. 4, 1913	Coke quenching and conveying apparatus.	Mar. 22	Mar. 22	G-106	295
1077412	Nov. 4, 1913	Process of hydrogenising organic compounds.	Mar. 1	Mar. 25	Z-106	259
1077462	Nov. 4, 1913	Derivatives of acidylaminooxyarsenobenzene and process of making same.	Feb. 26	Apr. 9	L-106	419

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			1919.	1919.		
1077480	Nov. 4, 1913	Process for the treatment of the surfaces of articles of aluminum.	Feb. 28	Mar. 21	P-106	278
1077483	Nov. 4, 1913	Method of producing printing plates	Feb. 27	Mar. 24	U-106	256
1077492	Nov. 4, 1913	Brown azo dyestuffs	Feb. 26	Apr. 9	L-106	419
1077824	Nov. 4, 1913	Ointment containing colloidal compounds.	Feb. 23	Mar. 24	T-106	271
1077807	Nov. 4, 1913	Preparation containing colloidal compounds.	Feb. 23	Mar. 24	T-106	271
1078135	Nov. 11, 1913	Preparation from alkali salts of the 3.31 diamino-4.4 dioxy arsenobenzene and process of making same.	Feb. 26	Apr. 9	L-106	419
1078199	Nov. 11, 1913	Method of extracting manganese from its ores.	Feb. 28	Mar. 21	L-106	194
1078288	Nov. 11, 1913	Process of treating yeast	Mar. 1	Mar. 22	I-106	306
1078423	Nov. 11, 1913	Apparatus for obtaining nitrogen from the atmosphere.	Feb. 28	Mar. 24	V-106	317
1078495	Nov. 11, 1913	Process of receiving alkalis from silicate rocks.	Feb. 28	Mar. 24	I-106	322
1078496	Nov. 11, 1913	Method of recovering alkalis from silicates.	Feb. 28	Mar. 24	I-106	322
1078503	Nov. 11, 1913	Diazotizable disazo dyes for cotton	Feb. 26	Mar. 22	H-106	301
1078504	Nov. 11, 1913	Diazotizable disazo dyes for cotton	Feb. 26	Mar. 22	H-106	301
1078505	Nov. 11, 1913	Blue dyes of the anthraquinone series.	Feb. 26	Mar. 22	H-106	301
1078544	Nov. 11, 1913	Process of making briquets	Feb. 26	Mar. 26	W-106	445
1078686	Nov. 18, 1913	Process for the production of hydrogen.	Feb. 28	Mar. 22	J-106	237
1078845	Nov. 18, 1913	Artificial stone and process of making same.	Feb. 28	Mar. 21	K-106	277
1079004	Nov. 18, 1913	Process for separating mixtures of liquids.	Feb. 28 Mar. 1	Mar. 24 Mar. 24	I-106 P-106	328 329
1079269	Nov. 18, 1913	Manufacture of magnetic electrodes	Feb. 28	Mar. 22	X-106	434
1079053	Nov. 25, 1913	Apparatus for sterilizing liquids by means of ultra-violet rays.	Feb. 26	Mar. 24	X-106	394
1079568	Nov. 25, 1913	Vat dyestuff	Feb. 26	Mar. 22	J-106	269
1079705	Nov. 25, 1913	Process for synthetically preparing ammonia and other compounds containing nitrogen and hydrogen.	Feb. 26	Mar. 24	L-106	249
1079727	Nov. 25, 1913	Process for bleaching and thickening oils and fats.	Feb. 28	Mar. 25	F-106	379
1079728	Nov. 25, 1913	Linoleum, linerusta, or like material.	Feb. 28	Mar. 21	S-106	234
1080085	Dec. 2, 1913	Method of recovering graphite from worn-out crucibles.	Feb. 28	Mar. 21	K-106	286
1080100	Dec. 2, 1913	Process for the manufacture of lacquers and varnishes.	Feb. 25	Mar. 21	H-106	287
1080433	Dec. 2, 1913	Process of producing patterns on fabrics.	Feb. 26	Mar. 22	S-106	260
1080606	Dec. 9, 1913	Converter process	Mar. 17	Mar. 25	V-106	374
1080886	Dec. 9, 1913	Apparatus for washing ore	Feb. 28	Mar. 21	U-106	143
1080938	Dec. 9, 1913	Recovery of tar and ammonia from coal gas.	Feb. 28	Mar. 25	Y-106	319
1080970	Dec. 9, 1913	Tanning material and method of making same.	Feb. 26	Mar. 24	L-106	260
1081079	Dec. 9, 1913	Art of making derivatives of dinitromethylintraminophenylarsenic acids.	Feb. 25	Mar. 22	Y-106	199
1081178	Dec. 9, 1913	Strontium salt of cholic acid	Feb. 28	Mar. 22	S-106	285
1081191	Dec. 9, 1913	Process for the electrolytic manufacture of perborates.	Feb. 25	Mar. 21	K-106	279
1081287	Dec. 9, 1913	Apparatus for reducing compounds.	Feb. 28	Mar. 21	X-106	309
1081592	Dec. 16, 1913	Medicinal preparation	Feb. 28 Apr. 8	Apr. 9 Apr. 9	L-106 M-106	419 483
1081775	Dec. 16, 1913	Method of obtaining sulfonated oils and fats.	Feb. 28	Mar. 25	T-106	340
1081897	Dec. 16, 1913	Medicinal preparation	Feb. 26 Apr. 8	Apr. 9 Apr. 9	L-106 M-106	419 487

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			1919.	1919.		
1081959	Dec. 23, 1913	Manufacture of acetic acid	Feb. 28	Mar. 22	J-106	269
1082058	Dec. 23, 1913	Process for casting artificial teeth	Feb. 28	Mar. 21	W-106	353
1082161	Dec. 23, 1913	Protecting iron from rust	Feb. 28	Mar. 21	P-106	280
1082200	Dec. 23, 1913	Manufacture of hollow bodies	Feb. 28	Mar. 25	U-106	279
1082419	Dec. 30, 1913	Monoazo dyestuffs and process of making same.	Feb. 26	Apr. 9	L-106	419
1082780	Dec. 30, 1913	Pharmaceutical compounds	Feb. 23	Apr. 9	Z-106	358
1082781	Dec. 30, 1913	Process for the dehalogenication of halogeniferous nitrates.	Feb. 28	Mar. 25	J-106	336
1083132	Dec. 30, 1913	Electrode for preventing cathodic reduction.	Feb. 28	Mar. 24	R-106	343
1083142	Dec. 30, 1913	Artificial-stone composition or for building and like purposes.	Feb. 28	Mar. 21	Z-106	144
1083275	Jan. 6, 1914	Process for the continuous mechanical manufacture of objects from plastic substances.	Feb. 26	Mar. 22	J-106	219
1083553	Jan. 6, 1914	Method for production of fertilizers	Feb. 27	Mar. 21	T-106	303
1083703	Jan. 6, 1914	Method of producing ammonia and compounds of ammonia	Feb. 28	Mar. 22	U-106	216
1083888	Jan. 6, 1914	Process of producing hydrogen peroxid.	Feb. 28	Mar. 24	R-106	343
1083903	Jan. 6, 1914	Process of improving alloys	Feb. 28	Mar. 25	U-106	298
1084199	Jan. 13, 1914	Fireproof electrically conducting bodies and process of manufacturing the same.	Feb. 28	Mar. 25	Q-106	331
1084363	Jan. 13, 1914	Yellow monoazo dyes and process making them.	Feb. 26	Mar. 22	J-106	269
1084381	Jan. 13, 1914	Manufacture of esters and ethers of ethylidene glycol and of vinyl alcohol.	Feb. 26	Mar. 22	J-106	269
1084539	Jan. 20, 1914	Filter press				
1085178	Jan. 27, 1914	Color lake and process of making same.	Feb. 26	Apr. 9	L-106	419
1085361	Jan. 27, 1914	Mode of preparing finely divided or colloid indigo dyestuffs.	Feb. 26	Apr. 9	L-106	419
1085437	Jan. 27, 1914	Manufacture of milled soap	Feb. 26	Mar. 24	U-106	242
1085708	Feb. 3, 1914	Process of producing sulfur derivatives of hydrocarbons.	Feb. 27	Mar. 25	Y-106	317
1085845	Feb. 3, 1914	Apparatus for quenching and conveying glowing materials.	Feb. 28	Mar. 22	G-106	293
1085898	Feb. 3, 1914	Insecticide for plants and process of making same.	Feb. 26	Mar. 22	Y-106	214
1086113	Feb. 3, 1914	Vitreous substance	Feb. 27	Mar. 22	S-106	291
1086139	Feb. 3, 1914	Process of manufacturing caoutchoulike products.	Feb. 25	Mar. 21	X-106	310
1086149	Feb. 3, 1914	Process for the manufacture of glue, gelatin, and the like.	Mar. 1	Mar. 24	L-106	280
1086155	Feb. 3, 1914	Yellow azo dyes	Feb. 26	Mar. 22	H-106	301
1086306	Feb. 3, 1914	Process of leaching tobacco leaves	Mar. 1	Mar. 25	R-106	355
1086452	Feb. 10, 1914	Rectifying apparatus	Mar. 1	Mar. 24	P-106	329
			Feb. 28	Mar. 24	I-106	328
1086881	Feb. 10, 1914	Glycolic acid esters of 2-phenyl-quinolin-4-carboxylic acid.	Feb. 25	Apr. 9	Z-106	358
1086939	Feb. 10, 1914	Muffle for reduction furnaces	Feb. 28	Mar. 21	Z-106	141
1087064	Feb. 10, 1914	Process for the manufacture of oil-varnish substitutes from animal oils.	Feb. 26	Mar. 21	G-106	249
1087132	Feb. 17, 1914	Process of obtaining alkali-metal compounds from silicates containing the same.	Feb. 28	Mar. 21	I-106	273
1087293	Feb. 17, 1914	Yellow vat dyestuffs	Feb. 28	Mar. 24	V-106	325
1087442	Feb. 17, 1914	Yarn-mercerizing machine	Feb. 26	Mar. 24	Y-106	265
1087815	Feb. 17, 1914	Elastic padding and filling composition.	Feb. 27	Mar. 25	R-106	357
1088063	Feb. 24, 1914	Process for purifying water	Feb. 25	Mar. 22	L-106	222
1088734	Mar. 3, 1914	Carbon electrode having protective covering and process for producing same.	Feb. 28	Mar. 21	S-106	227

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1088907	Mar. 3, 1914	Process of manufacturing a substitute for vulcanite.	Feb. 27	Mar. 21	G-106	268
1089064	Mar. 3, 1914	Process of manufacturing vegetable glue.	Feb. 28	Mar. 24	L-106	271
1089464	Mar. 10, 1914	Saccharometer	Feb. 26	Mar. 24	T-106	281
1089482	Mar. 10, 1914	Process of manufacturing an elastic foam from volatile solutions.	Feb. 27	Mar. 21	P-106	274
1089663	Mar. 10, 1914	Regenerative oven	Feb. 28	Mar. 24	Z-106	227
1089716	Nov. 10, 1914	Method of extracting alkalis from natural rocks.	Feb. 28	Mar. 21	I-106	273
1089831	Mar. 10, 1914	Column apparatus for distilling, cooling, heating, and similar purposes.	Feb. 28	Mar. 22	H-106	297
1089951	Mar. 10, 1914	Process and high-pressure furnace for the direct production of iron and steel.	Feb. 27	Mar. 22	T-106	255
1090074	Mar. 10, 1914	Compounds or derivatives of cellulose and process of obtaining the same.	Feb. 26	Mar. 24	R-106	321
1090111	Mar. 10, 1914	Manufacture of electric filaments	Mar. 1	Mar. 25	I-106	379
1090372	Mar. 17, 1914	Dry battery	Feb. 26	Mar. 21	I-106	226
1090431	Mar. 17, 1914	Germinating apparatus	Feb. 28	Mar. 25	Z-106	267
1090469	Mar. 17, 1914	Process for sharpening the ends of fine wires.	Mar. 1	Mar. 25	Z-106	246
1090503	Mar. 17, 1914	Open-hearth furnace	Mar. 1	Mar. 25	S-106	339
1090730	Mar. 17, 1914	Process of manufacturing compositions of matter.	Feb. 27	Mar. 24	X-106	390
1090874	Mar. 24, 1914	Process of bringing hydrogen or hydrogen-containing gas mixtures to reaction and apparatus therefor.	Feb. 25	Mar. 22	Y-106	204
1091148	Mar. 24, 1914	Disazo dyestuff	Feb. 26	Mar. 22	J-106	269
1091230	Mar. 24, 1914	Method for extracting potassium and sodium compounds from silicates which contain alkalis.	Feb. 28	Mar. 21	I-106	273
1091288	Mar. 24, 1914	Process for case-hardening iron and steel articles.	Feb. 28	Apr. 9	R-106	477
1091312	Mar. 24, 1914	Welding powder for welding iron and steel.	Mar. 1	Mar. 22	R-106	292
1091325	Mar. 24, 1914	Process of manufacture of solid sulfites or bisulfites of homogenous chemical constitution.	Feb. 28	Mar. 24	V-106	321
1091429	Mar. 24, 1914	Process of manufacture of sulfites or bisulfites.	Feb. 28	Mar. 24	V-106	321
1091870	Mar. 31, 1914	Sulfo compounds of quinolin-4-carboxylic acids arylated in the 2 position.	Feb. 25	Apr. 9	Z-106	358
1092074	Mar. 31, 1914	Process of making manure from tanned-leather shavings or cuttings.	Feb. 27	Mar. 24	Z-106	215
1092386	Apr. 7, 1914	Process for working up the acid sludge and liquor produced as by-products during the washing of mineral oils.	Feb. 28	Mar. 25	U-106	280
1092448	Apr. 7, 1914	Method of treating mineral oils	Feb. 27	Mar. 21	I-106	270
1092620	Apr. 7, 1914	Process and apparatus for wood distillation.	Mar. 18	Mar. 25	U-106	305
1092629	Apr. 17, 1914	Process for refining and decolorizing mineral wax.	Feb. 28	Mar. 25	L-106	322
1093012	Apr. 14, 1914	Process for the preparation of nitrocellulose.	Feb. 28	Mar. 25	I-106	361
1093503	Apr. 14, 1914	Process of converting photographic silver prints into colored prints.	Feb. 26	Mar. 22	H-106	301
1093522	Apr. 14, 1914	Coke-oven door	Feb. 28	Mar. 21	U-106	130
1093567	Apr. 14, 1914	Stable nitrobenzene-diazonium derivatives.	Feb. 26	Mar. 22	H-106	301
10x4448	Apr. 28, 1914	Yellow disazo dyes for cotton and process for making same.	Feb. 26	Mar. 22	J-106	269

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			1919	1919		
1094475	Apr. 28, 1914	Process of purifying water from germs by means of bromin.	Feb. 28	Mar. 22	U-106	207
1094727	Apr. 28, 1914	Process for the production of artificial stone from natural rock waste.	Feb. 26	Mar. 24	P-106	337
1094740	Apr. 28, 1914	Wafer for encapsulating medicines	Feb. 28	Mar. 21	X-106	303
1095058	Apr. 28, 1914	Adhesive resinous preparations and process of producing the same.	Mar. 1	Mar. 25	R-106	380
1095165	Apr. 28, 1914	Cooler for extraction apparatus and the like.	Feb. 27	Mar. 25	R-106	354
1095189	May 5, 1914	Process of purifying raw sugar containing juice.	Feb. 25	Mar. 21	H-106	261
1095205	May 5, 1914	Manufacture of lactid	Mar. 21	Mar. 26	Z-106	276
1095302	May 5, 1914	Explosive	Feb. 26	Mar. 22	H-106	313
1095414	May 5, 1914	Apparatus for spraying liquid metal.	Feb. 28	Mar. 21	H-106	281
1095684	May 5, 1914	Weighed silk and process of making it.	Feb. 28	Mar. 22	T-106	253
1095852	May 5, 1914	Process of obtaining sugar from molasses.	Feb. 25	Mar. 22	R-106	297
1095979	May 5, 1914	Apparatus for manufacture of objects from plastic substances.	Feb. 28	Mar. 24	P-106	321
1095988	May 5, 1914	Manufacture of coating and impregnating materials.	Mar. 1	Mar. 21	K-106	268
1096060	May 12, 1914	Preparation suitable for the indigo vat.	Mar. 1	Mar. 25	T-106	326
1096198	May 12, 1914	Printing colors	Feb. 26	Apr. 9	L-106	419
1096361	May 12, 1914	Process for the production of disinfectant.	Feb. 28	Mar. 24	Y-106	306
			Feb. 26	Mar. 22	Y-106	216
1096392	May 12, 1914	Process of producing nitrogen simultaneously with oxids of nitrogen.	Feb. 26	Apr. 9	L-106	419
1096393	May 12, 1914	Process of producing nitrogen simultaneously with oxids of nitrogen.	Feb. 26	Apr. 9	L-106	419
1096464	May 12, 1914	Process for the manufacture of bodies of refractory metals and alloys.	Feb. 28	Mar. 22	K-106	319
1096620	May 12, 1914	Apparatus for extracting herbs and medicating steam.	Mar. 21	Mar. 26	X-106	444
1096667	May 12, 1914	Process of preparing acetaldehyde	Feb. 24	Mar. 21	Y-106	153
1096715	May 12, 1914	Sulfurized dyes and process of making same.	Feb. 26	Mar. 22	H-106	301
1096751	May 12, 1914	Negative electrode for alkaline secondary batteries.	Feb. 28	Mar. 24	R-106	347
1096786	May 12, 1914	Method of and apparatus for producing filled precious metal wire, etc.	Feb. 28	Mar. 24	K-106	340
1096832	May 19, 1914	Apparatus for the continuous examination of liquids.	Feb. 26	Mar. 24	U-106	227
1097099	May 19, 1914	Manufacture of lead salts of acetic acid.	Feb. 26	Mar. 24	K-106	339
1097345	May 19, 1914	Device for closing the tapping openings of smelting furnaces.	Feb. 28	Mar. 24	T-106	310
1097377	May 19, 1914	Process for the treatment of cotton	Feb. 28	Mar. 25	V-106	372
1097406	May 19, 1914	Process of destroying insects	Feb. 26	Mar. 22	H-106	301
1097551	May 19, 1914	Method of producing means for preventing scales on boilers, etc.	Feb. 28	Mar. 24	Y-106	282
1097900	May 26, 1914	Furnace with regenerative bring	Mar. 1	Mar. 24	Z-106	242
1098139	May 26, 1914	Production of mixtures of nitrogen and hydrogen suitable for the manufacture of ammonia.	Feb. 27	Mar. 24	Z-1068	238
1098176	May 26, 1914	Method for producing metal adsorptions.	Feb. 26	Mar. 24	X-106	411
1098188	May 26, 1914	Horizontal coke oven	Feb. 28	Mar. 25	Y-106	319
1098237	May 26, 1914	Process of preparing progressive gunpowder.	Feb. 26	Mar. 26	K-106	403

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1098259	May 26, 1914	Sulfurized dyes and process of making same.	Feb. 26	Mar. 22	H-106	301
1098260	May 26, 1914	Sulfurized dyes and process of making same.	Feb. 26	Mar. 22	H-106	301
1098305	May 26, 1914	Process for the manufacture of nitrous oxid.	Mar. 1	Mar. 24	U-106	269
1098348	May 26, 1914	Process of making tanning extracts.	Feb. 26	Mar. 22	X-106	330
1098506	June 2, 1914	Electric battery	Feb. 26	Mar. 22	Y-106	202
1098763	June 2, 1914	Process for purifying hydrocarbons.	Feb. 28	Mar. 25	W-106	431
1098764	June 2, 1914	Process for the purification of liquid hydrocarbons.	Feb. 28	Mar. 25	W-106	431
1098811	June 2, 1914	Process of an apparatus for mixing powdered substances or highly concentrated solutions with a liquid or dissolving them in the latter.	Feb. 28	Mar. 24	L-106	277
1098900	June 2, 1914	Process of obtaining ammonia from gas.	Mar. 1	Mar. 24	J-106	285
1098985	June 2, 1914	Furnace	Feb. 27	Mar. 22	G-106	307
1099039	June 2, 1914	Sulfur dyes and process of making same	Mar. 1	Mar. 21	G-106	269
1099089	June 2, 1914	Process of obtaining by-products from gases resulting from the dry distillation of coal, etc.	Feb. 26	Mar. 22	H-106	301
1099107	June 2, 1914	Process for the manufacture of a substance resembling natural rubber.	Feb. 27	Mar. 22	G-106	307
1099108	June 2, 1914	Producing ice colors	Feb. 26	Mar. 21	P-106	295
1099113	June 2, 1914	Method of producing fireproof materials from quartz and the like.	Mar. 22 Feb. 26 Feb. 25	Mar. 26 Mar. 22 Mar. 21	V-106 R-106 Z-105	404 308 129
1099211	June 9, 1914	Process of and apparatus for producing zinc and other similar metals.	Feb. 28	Mar. 22	X-106	346
1099368	June 9, 1914	Means for distilling acids	Feb. 26	Mar. 24	L-106	255
1099452	June 9, 1914	Process for the continuous production of nitric acid.	Mar. 1	Mar. 24	Q-106	331
1099598	June 9, 1914	Method for manufacturing steel bands, wires, or the like enveloped in celluloid or similar material.	Feb. 26	Mar. 24	K-106	332
1099710	June 9, 1914	Light filter	Feb. 28	Mar. 24	Q-106	332
1099934	June 16, 1914	Coating flexible objects of organic origin with metal.	Feb. 28	Mar. 24	G-106	332
1099976	June 16, 1914	Manufacture of nitro products from petroleum and tar.	Feb. 28	Mar. 22	Y-106	218
1100076	June 16, 1914	Process of making formaldehyde	Feb. 28	Mar. 25	I-106	372
1100490	June 16, 1914	Process for the recovery of zinc from its ores.	Feb. 28	Mar. 21	Z-106	140
1100518	June 16, 1914	Process of producing cuprammonium.	Feb. 25	Mar. 21	T-106	200
1100675	June 16, 1914	Process of eliminating iron from liquids.	Feb. 28	Mar. 24	T-106	295
1100710	June 23, 1914	Drying coal slimes	Feb. 28	Mar. 22	G-106	292
1100720	June 23, 1914	Polyarsino cotapounds and process of making same.	Feb. 26	Apr. 9	L-106	419
1100730	June 23, 1914	Process for the preparation of gallic acid.	Feb. 28	Mar. 24	K-106	344
1100743	June 23, 1914	Process of obtaining salts of mesothorium and of radium from thorium-bearing minerals.	Feb. 25	Mar. 22	R-106	297
1101061	June 27, 1914	Conversion of wood or other cellulose material into glucose and other soluble and insoluble carbohydrates.	Feb. 25	Mar. 21	H-106	263

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			1919.	1919.		
1101156	June 23, 1914	Process for purifying and decolorising sugar solutions.	Feb. 28	Mar. 25	Z-106	281
1101373	June 23, 1914	Process for the manufacture of aliphatic alkyl sulfates.	Feb. 26	Mar. 22	P-106	300
1101424	June 23, 1914	Process of making nitrogen compounds.	Feb. 28	Mar. 24	V-106	317
1101449	June 23, 1914	Stabilized oxidizing agents	Feb. 26	Mar. 24	Q-106	322
1101455	June 23, 1914	Cloudening agent for producing cloudening effects in white enamels and process of producing the same.	Feb. 18	Mar. 24	H-106	359
1102028	June 30, 1914	Process of making colored photographs.	Feb. 26	Mar. 22	Y-106	215
1102062	June 30, 1914	Thermometer carrier	Feb. 26	Mar. 2[illegible]	J-106	303
1102129	June 30, 1914	Fatty saponaceous product and method of manufacturing same.	Feb. 25	Mar. 21	I-106	241
1102171	June 30, 1914	Sulfurized dyes and process of making same.	Feb. 26	Mar. 22	H-106	301
1102237	July 7, 1914	Process for the production of threads, films, or plates.	Feb. 28	Mar. 22	X-106	317
1102359	July 7, 1914	Regenerative furnace	Mar. 1	Mar. 21	G-106	269
1102575	July 7, 1914	Pyrophoric alloy	Feb. 26	Mar. 22	P-106	298
1102591	July 7, 1914	Making waste wood obtaining in forestry into briquets.	Feb. 28	Mar. 22	H-106	321
1103258	July 14, 1914	Process of manufacturing pure iron or manganese metal from pure or impure iron or manganese-metal oxids.	Feb. 28	Mar. 21	U-106	142
1103318	July 14, 1914	Process for sintering smelting products and the like.	Feb. 28	Mar. 22	Q-106	290
1103383	July 14, 1914	Process of making anthraquinone	Feb. 26	Mar. 22	J-106	269
1103473	July 14, 1914	Process of preserving wood oil from congealing on being subjected to heat.	Feb. 28	Mar. 21	I-106	258
1103499	July 14, 1914	Process of regenerating oil used for electrical purposes.	Mar. 22	Mar. 26	J-106	345
1104124	July 21, 1914	Briqueting iron ores	Feb. 27	Mar. 24	I-106	334
1104149	July 21, 1914	Auric compounds from cantharidyl ethylenediamin and process of making same.	Feb. 26	Apr. 9	L-106	419
1104266	July 21, 1914	Enamels and process of making them.	Feb. 25	Mar. 22	Z-106	176
1104326	July 21, 1914	Nonhygroscopic manure stuff and process of making same.	Feb. 28	Mar. 24	Y-106	293
1104679	July 21, 1914	Enameling compoeition	Feb. 25	Mar. 22	Z-106	176
1104722	July 21, 1914	Vulcanizer	Mar. 1	Mar. 25	K-106	391
1104913	July 28, 1914	Process for the manufacture of sodium bisulfate in a directly calcinable form.	Feb. 27	Mar. 24	U-106	258
1104943	July 28, 1914	Process of producing aminoanthraquinones.	Mar. 22	Mar. 26	T-106	362
1105378	July 28, 1914	Process of producing a mixture of camphene and isobornyl acetate from pinene hydrochlorid.	Feb. 28	Mar. 25	T-106	333
1105447	July 28, 1914	Process for dyeing furs, hairs, and the like.	Feb. 26	Mar. 22	H-106	301
1105501	July 28, 1914	Dyes for dyeing furs, hairs, and the like.	Feb. 26	Mar. 22	H-106	301
1105515	July 28, 1914	Sulfurized dyes and process of making same.	Mar. 21	Mar. 26	X-106	434
1105554	July 28, 1914	Preparation for dyeing hairs, fur, and the like.	Feb. 26	Mar. 22	H-106	301
1105567	July 28, 1914	Process of manufacturing adhesives giving with cold water strong cementing masses.	Feb. 26	Mar. 24	K-106	342
1106047	Aug. 4, 1914	Method of producing amyl acet[illegible] and its homologues.	[illegible]b. 26	Mar. 24	K-106	348

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			1919.	1919.		
1106077	Aug. 4, 1914	Process for the production of shaped articles from copper-ammonium cellulose solution.	Feb. 28	Mar. 22	X-106	317
1106509	Aug. 11, 1914	Process for deodorising oleic and fatty acids derived from train or fish oils.	Feb. 26	Mar. 24	L-106	258
1107003	Aug. 11, 1914	Manufacture of elastic plastic masses.	Feb. 28	Mar. 22	X-106	353
1107006	Aug. 11, 1914	Roasting furnace	Feb. 28	Mar. 21	L-106	207
1107019	Aug. 11, 1914	Process of preparing acetaldehyde.	Feb. 24	Mar. 21	Y-106	193
1107020	Aug. 11, 1914	Emulsion products and process for producing them.	Feb. 28	Mar. 21	I-106	247
1107175	Aug. 11, 1914	Method of treating distillery wash	Feb. 28	Mar. 26	P-106	393
1107386	Aug. 18, 1914	Method of producing hollow quartz bodies.	Feb. 28	Mar. 24	L-106	287
1107387	Aug. 18, 1914	Method of producing transparent quartz.	Feb. 28	Mar. 24	L-106	287
1107892	Aug. 18, 1914	Preserving compound	Feb. 28	Mar. 25	T-106	319
1107926	Aug. 18, 1914	Process of producing hydrogen	Feb. 25	Mar. 24	U-106	225
1108056	Aug. 18, 1914	Manufacture of vat dyestuffs	Feb. 23	Mar. 24	T-106	271
1108057	Aug. 18, 1914	Manufacture of vat dyestuffs	Feb. 23	Mar. 24	T-106	271
1108189	Aug. 25, 1914	Fertilizer and process of manufacturing the same.	Feb. 26	Mar. 24	R-106	324
1108638	Aug. 25, 1914	Electro-optical cell	Feb. 28	Mar. 22	X-106	348
1108676	Aug. 25, 1914	Process of manufacturing the carbamic-acid ester of dichlorhydrin.	Feb. 25	Mar. 21	Y-106	176
1108752	Aug. 25, 1914	Manufacture of hydrogen peroxid	Feb. 26	Mar. 24	Z-106	233
1109447	Sept. 1, 1914	Generation of hydrogen by means of iron.	Feb. 28	Mar. 21	I-106	273
1109448	Sept. 1, 1914	Manufacture of hydrogen	Feb. 28	Mar. 21	I-106	273
1109512	Sept. 1, 1914	Process of making a cellulose acetate soluble in ethyl acetate.	Feb. 28	Mar. 25	Q-106	345
1109529	Sept. 1, 1914	Process for effecting the separation of materials.	Feb. 28	Mar. 24	Z-106	199
1109887	Sept. 8, 1914	Manufacture of electric filaments	Mar. 1	Mar. 25	I-106	379
1109888	Sept. 8, 1914	Manufacture of electric filaments	Mar. 1	Mar. 25	I-106	379
1112432	Oct. 6, 1914	Apparatus for use in elementary organic analysis.	Feb. 24	Mar. 21	U-106	141
1112602	Oct. 6, 1914	Process of treating mineral oils	Feb. 25	Mar. 22	U-106	183
1112725	Oct. 6, 1914	Method of making pipes for chimneys.	Feb. 28	Mar. 25	U-106	282
1112846	Oct. 6, 1914	Cupola furnace	Feb. 28	Mar. 25	X-106	426
1113468	Oct. 13, 1914	Manufacture of an azo dyestuff which may be developed on the fiber.	Feb. 23	Mar. 24	T-106	271
1114006	Oct. 20, 1914	Method of embedding thin printed labels made of gelatin in transparent soap.	Feb. 28	Mar. 22	Z-106	166
1114502	Oct. 20, 1914	Method of heating ores in two chambers or retorts arranged behind each other.	Feb. 28	Mar. 24	T-106	302
1114598	Oct. 20, 1914	Process for the extraction of fat from bones, materials suitable for glue manufacture, and like substances.	Feb. 26	Mar. 22	T-106	251
1115192	Oct. 27, 1914	Process of concentrating nitric acid.	Feb. 28	Mar. 25	Z-106	251
1115262	Oct. 27, 1914	Process of detinning	Feb. 28	Mar. 21	P-106	291
1115321	Oct. 27, 1914	Method of producing cement from molten blast-furnace slag.	Feb. 28	Mar. 21	W-106	337
1115671	Nov. 3, 1914	Electrolytic apparatus	Feb. 26	Mar. 22	G-106	302
1116024	Nov. 3, 1914	Method of briqueting iron ores and the like.	Feb. 24	Mar. 21	H-106	273
1116176	Nov. 3, 1914	Process of obtaining the tin from waste tinned metal.	Feb. 18	Mar. 25	I-106	370
1116322	Nov. 3, 1914	Apparatus for the elimination of fusel oils during the distillation and rectification of alcohol.	Feb. 28 Mar. 21	Mar. 24 Mar. 26	R-106 L-106	339 348
1116979	Nov. 10, 1914	Process for the production of fresco paintings and colored weather-proof architectural ornaments.	Feb. 25	Mar. 21	T-106	198

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				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1117059	Nov. 10, 1914	Machine for sealing supporting wires into the beads of glass rods of metal-filament electric incandescent lamps.	Mar. 1	Mar. 24	H-106	360
1117060	Nov. 10, 1914	Machine for producing beads on glass rods.	Mar. 1	Mar. 24	H-106	360
1117194	Nov. 17, 1914	Method for the purification of raw wool.	Feb. 26	Mar. 24	R-106	327
1117197	Nov. 17, 1914	White enamel	Feb. 25	Mar. 22	Z-106	176
1117242	Nov. 17, 1914	Microscope	Mar. 1	Mar. 25	K-106	387
1117831	Nov. 17, 1914	Process of removing oxygen from water.	Feb. 26	Mar. 22	H-106	295
1118238	Nov. 24, 1914	Process of manufacturing fusel oil	Feb. 28	Mar. 26	S-106	366
1118332	Nov. 24, 1914	Ammonia-soda process	Feb. 25	Mar. 22	I-106	281
1118593	Nov. 24, 1914	Process of producing hydrogen	Feb. 28	Mar. 21	U-106	166
1118869	Nov. 24, 1914	Annealing furnace	Feb. 28	Mar. 21	M-106	368
1118898	Nov. 24, 1914	Enamel composition	Feb. 28	Mar. 24	Q-106	307
1118952	Dec. 1, 1914	Method of extinguishing fires	Feb. 26	Mar. 24	X-106	402
1119313	Dec. 1, 1914	Secondary galvanic battery	Mar. 1	Mar. 26	K-106	415
1119746	Dec. 1, 1914	Process of making anthraquinone	Feb. 26	Mar. 22	J-106	269
1119947	Dec. 1, 1914	Manufacture of stable colloidal solutions of metals.	Feb. 26	Mar. 22	K-106	318
1120233	Dec. 8, 1914	Cocain isovalerianate	Feb. 28	Mar. 24	V-106	341
1120436	Dec. 8, 1914	Separation of oxygen from the air	Feb. 25	Mar. 21	I-106	253
1120551	Dec. 8, 1914	Process for the exchange of ions absorbed by colloids.	Feb. 26	Mar. 22	K-106	318
1120632	Dec. 8, 1914	Manufacture of artificial marble	Feb. 28	Mar. 24	Y-106	298
1120683	Dec. 15, 1914	Treatment of zinc lyes	Feb. 25	Mar. 22	X-106	318
1121026	Dec. 15, 1914	Azo dyes from the arylamids of 2.3-oxynaphthoic acid and process of making them.	Feb. 26	Mar. 22	J-106	269
1121218	Dec. 15, 1914	Autogenous burner	Feb. 26	Mar. 22	J-106	269
1121220	Dec. 15, 1914	Dry treatment of ores	Feb. 25	Mar. 22	X-106	318
1121408	Dec. 15, 1914	Process to lower the vitrifying point of ceramic substances.	Feb. 26	Mar. 24	X-106	411
1121409	Dec. 15, 1914	Process for removing liquid from organic and inorganic substances.	Feb. 26	Mar. 22	K-106	318
1121428	Dec. 15, 1914	Process of manufacturing perborate of zinc.	Feb. 26	Mar. 24	Z-106	233
1121605	Dec. 22, 1914	Method of manufacturing a viscose solution from wood-cellulose.	Feb. 25	Mar. 21	Z-106	116
1121889	Dec. 22, 1914	Method of manufacturing utensils and the like from the oxides of the rare earths thorium oxid, zirconium oxid, and the like.	Feb. 28	Mar. 24	Y-106	250
1121890	Dec. 22, 1914	Method for manufacturing utensils and the like from the oxids of the rare earths, thorium oxid, zirconium oxid, and the like.	Feb. 26	Mar. 24	I-106	344
1121903	Dec. 22, 1914	Process of manufacturing artificial lustrous threads, etc.	Feb. 28	Mar. 25	Q-106	347
1121925	Dec. 22, 1914	Process for the manufacture of polymerized products from animal oils.	Feb. 26	Mar. 21	G-106	249
1121926	Dec. 22, 1914	Process for the manufacture of polymerized products from animal oils.	Feb. 26	Mar. 21	G-106	249
1122400	Dec. 29, 1914	Process for the manufacture of polymerized products from animal oils.	Feb. 26	Mar. 21	G-106	249
1122465	Dec. 29, 1914	Vulcanizer press	Mar. 1	Mar. 21	Y-106	177
1122564	Dec. 29, 1914	Condensation products from the arylamids of 2.3. oxynaphthoic acid and formaldehyde and azo dyestuffs therefrom and process of making same.	Feb. 26	Mar. 22	J-106	269
1122810	Dec. 29, 1914	Quick-roasting apparatus	Feb. 28	Mar. 24	Q-106	329
1123522	Jan. 5, 1915	Process of preparing nicotin	Feb. 28	Mar. 24	Y-106	266

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			1919.	1919.		
1123542	Jan. 5, 1915	Process of agitating and aerating substances.	Feb. 28	Mar. 21	J-106	224
1123572	Jan. 5, 1915	Process for the production of the esters of the tertiary alcohols.	Mar. 1	Mar. 24	V-106	337
1123760	Jan. 5, 1915	Process of manufacturing opaquing agents for white enamel.	Feb. 18	Mar. 24	H-106	359
1123981	Jan. 5, 1915	Gas mixer	Feb. 28	Mar. 21	U-106	166
1123985	Jan. 5, 1915	Insulating material	Feb. 28	Mar. 24	H-106	341
1124081	Jan. 5, 1915	Process of manufacturing magnesium perborate.	Feb. 26	Mar. 24	Z-106	233
1124560	Jan. 12, 1915	Process for saturating unsaturated fatty acids and their glycerids by combining them with hydrogen.	Feb. 28	Mar. 22	V-106	310
1124691	Jan. 12, 1915	Process for the manufacture of hollow combs.	Feb. 25	Mar. 21	I-106	242
1124776	Jan. 12, 1915	Process for the continuous reduction of aromatic nitro bodies.	Feb. 28	Mar. 24	W-106	411
1125318	Jan. 19, 1915	Process of manufacturing artificial fertilizer.	Feb. 28	Mar. 24	X-106	380
1126655	Jan. 26, 1915	Method of uniting sheets of brass, aluminum, and other metals of high conductivity for heat.	Mar. 1	Mar. 24	R-106	349
1127027	Feb. 2, 1915	Process of producing dyestuffs on the fiber by means of the one-bath method.	Mar. 22 Feb. 26	Mar. 26 Mar. 22	R-106 R-106	396 366
1128389	Feb. 16, 1915	Process for obtaining photographic prints in natural colors from lumiere autochrome and other color-sensitive lines plates.	Feb. 28	Mar. 25	J-106	338
1128494	Feb. 16, 1915	Process for the fractional separation of paraffin and like substances and of mixtures of such substances with oil.	Feb. 28	Mar. 25	S-106	328
1128691	Feb. 16, 1915	Manufacture of white enamel, glass, and the like.	Feb. 25	Mar. 22	Z-106	176
1128726	Feb. 16, 1915	Iron alloy	Feb. 28	Mar. 25	T-106	331
1128747	Feb. 16, 1915	Method of manufacturing porcelain insulators.	Feb. 25	Mar. 21	Z-106	131
1128829	Feb. 16, 1915	Apparatus for granulating liquid blast-furnace slag.	Feb. 28	Mar. 25	T-106	349
1129165	Feb. 23, 1915	Process of chlorinating	Feb. 25	Mar. 22	Y-106	199
1129271	Feb. 23, 1915	Device for sterilizing medical instruments.	Feb. 28	Mar. 21	Z-106	130
1129300	Feb. 23, 1915	White enamel and the like	Feb. 25	Mar. 22	Z-106	176
1129377	Feb. 23, 1915	Method and apparatus for protecting the electrodes in arc furnaces.	Feb. 28	Mar. 21	T-106	204
1129387	Feb. 23, 1915	Manufacture of diastase	Feb. 25	Mar. 22	S-106	258
1129558	Feb. 23, 1915	Gas-purifying apparatus	Feb. 25	Mar. 21	H-106	280
1129559	Feb. 23, 1915	Reducing and oxidizing apparatus for generating hydrogen from iron ore and steam.	Feb. 25	Mar. 21	H-106	280
1130678	Mar. 2, 1915	Process of manufacturing an iron alloy for dynamo electric purposes.	Feb. 28	Mar. 25	T-106	331
1130767	Mar. 9, 1915	Composition for making glass	Mar. 1	Mar. 25	U-106	287
1130785	Mar. 9, 1915	Aluminum alloy	Feb. 28	Mar. 25	U-106	297
1131488	Mar. 9, 1915	Vacuum process for production of steel.	Feb. 25	Mar. 22	U-106	194
1131516	Mar. 9, 1915	Greenish-blue dyes of the anthraquinone series.	Feb. 26	Mar. 22	H-106	301
1131939	Mar. 16, 1915	Process of manufacturing pure resin oil.	Feb. 27	Mar. 21	I-106	268
1132001	Mar. 16, 1915	Process of satinizing cotton fabrics.	Feb. 25	Mar. 22	L-106	228
1132394	Mar. 16, 1915	Manufacture of chemically pure soluble silicic acid.	Feb. 26	Mar. 22	K-106	318
1132709	Mar. 23, 1915	Manufacture of aluminum-acetate compounds.	Feb. 23	Mar. 24	T-106	271

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			1919.	1919.		
1133548	Mar. 30, 1915	Method of making imitation textile products from solutions of cellulose or plastic substances.	Feb. 25	Mar. 21	T-106	200
1133556	Mar. 30, 1915	Method of quantitatively analyzing gas mixtures of known constituents and apparatus therefor.	Feb. 25	Mar. 24	T-106	290
1133961	Mar. 30, 1915	Orthovanadic-acid esters and their solutions.	Feb. 26	Mar. 26	X-106	448
1133987	Mar. 30, 1915	Apparatus for electroosmotic processes.	Feb. 26	Mar. 24	X-106	411
1133994	Mar. 30, 1915	Process of producing pure resin oils.	Feb. 27	Mar. 21	I-106	268
1134323	Apr. 6, 1915	Process for preventing decomposition of hydrogen-peroxid solutions.	Feb. 26	Mar. 22	T-106	244
1135303	Apr. 13, 1915	Bleaching solution	Feb. 26	Mar. 24	J-106	292
1135387	Apr. 13, 1915	Nitrate fertilizer and process of making the same.	Feb. 28	Mar. 21	I-106	273
1136304	Apr. 20, 1915	Zinc-producing furnace	Feb. 28	Mar. 21	L-106	207
1136527	Apr. 20, 1915	Thermometer	Feb. 28	Mar. 21	L-106	193
1136559	Apr. 20, 1915	Continuous process for the distillation and rectification of alcoholic liquids.	Feb. 28	Mar. 22	X-106	342
1137293	Apr. 27, 1915	Hardening apparatus	Feb. 26	Mar. 25	U-106	283
1138230	May 4, 1915	Process for the manufacture of hard soaps.	Feb. 27	Mar. 22	J-106	259
1138251	May 4, 1915	Mash-filter plate	Feb. 28	Mar. 25	F-106	376
1138400	May 4, 1915	Apparatus for electrolysis of alkaline chlorids.	Feb. 25	Mar. 24	T-106	290
1138519	May 4, 1915	Process of manufacturing peroxid of hydrogen.	Feb. 28	Mar. 24	Z-106	235
1138520	May 4, 1915	Process of manufacturing peroxid of hydrogen.	Feb. 28	Mar. 24	Z-106	235
1138917	May 11, 1915	Method for facilitating the separation of nitroglycerin.	Feb. 28	Mar. 21	W-106	348
1139085	May 11, 1915	Mixing machine	Feb. 26	Apr. 9	L-106	419
1139620	May 18, 1915	Production of glucose from starch	Feb. 28	Mar. 22	P-106	301
1139621	May 18, 1915	Process for moistening and cooling dextrin.	Feb. 28	Mar. 22	P-106	301
1140174	May 18, 1915	Artificial leather and process of making the same.	Feb. 27	Mar. 24	X-106	389
1140262	May 18, 1915	Method of manufacturing base-exchanging substances.	Feb. 26	Mar. 22	H-106	295
1141224	June 1, 1915	Process of coating woven fabrics, paper, and the like.	Feb. 18	Mar. 25	K-106	393
1141265	June 1, 1915	Process and apparatus for continuous distillation.	Mar. 1	Mar. 25	V-106	359
1141491	June 1, 1915	Method of extracting wort from mashes.	Feb. 28	Mar. 25	F-106	376
1141545	June 1, 1915	Leather substitute and method of making it.	Feb. 28	Mar. 22	I-106	297
1141994	June 8, 1915	Manufacture of nitric acid	Feb. 28	Mar. 25	J-106	336
1143411	June 15, 1915	Closure for distillation furnaces and particularly coke ovens.	Feb. 26	Mar. 24	X-106	393
1143497	June 15, 1915	Process of drying raw peat and the like.	Feb. 28	Mar. 21	Q-106	241
1143499	June 15, 1915	Manufacture of emulsions and substances for use therein.	Feb. 25	Mar. 21	Q-106	256
1143569	June 15, 1915	Production of articles or materials from viscose.	Feb. 25	Mar. 21	T-106	200
1143670	June 22, 1915	Process of manufacturing artificial stone.	Feb. 27	Mar. 25	K-106	401
1143732	June 22, 1915	Glass	Feb. 26	Mar. 25	U-106	286
1144065	June 22, 1915	Mechanism for removing residues from vertical retorts.	Feb. 28	Mar. 24	H-106	384
1144066	June 22, 1915	Process and apparatus for removing drossy residues from vertical muffles in the extraction of zinc.	Feb. 28	Mar. 21	Z-106	141
1144181	June 22, 1915	Dyes for furs, hairs, and the like	Feb. 26	Mar. 22	H-106	301

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			1919.	1919.		
1144270	June 22, 1915	Process for the production of antiseptically acting bodies.	Feb. 28	Mar. 22	H-106	331
1144325	June 22, 1915	Preparation for dyeing hairs, furs, and the like.	Feb. 26	Mar. 22	T-106	283
1144457	June 29, 1915	Method of producing cyanogen compounds.	Feb. 25	Mar. 21	Y-106	179
1144577	June 29, 1915	Manufacture of vat dyestuffs	Feb. 23	Mar. 24	T-106	271
1144730	June 29, 1915	Process of producing hydrogen	Feb. 28	Mar. 21	U-106	166
1144829	June 29, 1915	Method of removing acetone from lecithin-containing substances.	Feb. 26	Mar. 22	T-106	237
1144905	June 29, 1915	Fertilizer and process of manufacturing same.	Feb. 26	Mar. 24	Q-106	326
1145072	July 6, 1915	Azo dyestuffs insoluble in water and process of making them.	Feb. 26	Mar. 22	J-106	269
1145186	July 6, 1915	Process of making anticorrosive paints and the like.	Feb. 26	Mar. 22	J-106	250
1145370	July 6, 1915	Method for producing manure	Feb. 26	Mar. 24	Q-106	326
1145634	July 6, 1915	Process for the preparation of soluble heavy metal compounds of thio-protein bodies.	Feb. 28	Mar. 22	V-106	306
1146455	July 13, 1915	Binding means for briquets	Mar. 1	Mar. 22	K-106	315
1147515	July 20, 1915	Process of obtaining base-exchanging substances.	Feb. 28	Mar. 24	R-106	325
1147991	July 27, 1915	Process for the production of a filter stuff by the employment of coal or similar filter materials.	Feb. 28	Mar. 25	I-106	373
1148401	July 27, 1915	A process for treating osier bark	Mar. 1	Mar. 22	T-106	267
1148637	Aug. 3, 1915	Byrrolidin derivative	Feb. 25	Apr. 9	Z-106	358
1148936	Aug. 3, 1915	Electro-optical cell	Feb. 28	Mar. 22	X-106	348
1149585	Aug. 10, 1915	Denitration of waste acid	Feb. 28	Mar. 25	U-106	273
1150152	Aug. 17, 1915	Process of making alizarin	Feb. 26	Mar. 22	J-106	269
1150467	Aug. 17, 1915	Opaquing composition for enamels and the like.	Feb. 28	Mar. 21	P-106	290
1150642	Aug. 17, 1915	Process of manufacturing condensation products from formaldehyde and phenol.	Feb. 28	Mar. 24	P-106	358
1150685	Aug. 17, 1915	Machine for dyeing, bleaching, washing, scouring, and subjecting to like processes hanks of yarn.	Mar. 1	Mar. 24	S-106	310
1150691	Aug. 17, 1915	Foodstuff containing free lecithin and process of making same.	Feb. 27	Mar. 24	W-106	410
1150772	Aug. 17, 1915	Opaquing agents for the production of white enamels.	Feb. 25	Mar. 22	Z-106	176
1151187	Aug. 24, 1915	Process of obtaining radiothorium and solutions therefrom containing thorium-X.	Feb. 25	Mar. 22	R-106	297
1151294	Aug. 24, 1915	Method and apparatus for producing sulphuric acid.	Feb. 27	Mar. 25	R-106	371
1151582	Aug. 31, 1915	Mode of charging mash filters	Feb. 28	Mar. 21	S-106	211
1152050	Aug. 31, 1915	Arrangement for preventing the formation of smoke in the production of zinc.	Feb. 28	Mar. 21	Z-106	141
1152066	Aug. 31, 1915	Process of preparing a solution of peroxid of hydrogen with a high content of ozone and oxygen.	Feb. 28	Mar. 25	R-106	379
1152098	Aug. 31, 1915	Process for the preparation of acetic-acid anhydrid.	Feb. 25	Mar. 21	G-106	255
1152196	Aug. 31, 1915	Process of making hydrogen	Feb. 28	Mar. 21	I-106	273
1152197	Aug. 31, 1915	Process of and apparatus for making hydrogen.	Feb. 28	Mar. 21	I-106	273
1152699	Sept. 7, 1915	Process for separating iron and nickel from copper in certain ores and masses.	Feb. 28	Mar. 24	H-106	345
1153402	Sept. 14, 1915	Manufacture of organic acid anhydrids or of mixtures of such anhydrids with their acids.	Feb. 27	Mar. 24	Z-106	224
1153596	Sept. 14, 1915	Noninflammable celluloid like mass and process of production thereof.	Feb. 28	Mar. 22	G-106	290
1153748	Sept. 14, 1915	Opaque enamel or glaze composition	Feb. 28	Mar. 22	I-106	296

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			1919.	1919.		
1153834	Sept. 14, 1915	Method of producing cellulose and other products.	Feb. 28	Mar. 24	L-106	395
1154298	Sept. 21, 1915	Coke oven	Feb. 28	Mar. 26	K-106	498
1154440	Sept. 21, 1915	Machine for treating materials with a liquid.	Feb. 27	Mar. 25	U-106	291
1154701	Sept. 28, 1915	Process of producing tungsten filaments.	Mar. 1	Mar. 24	S-106	308
1155765	Oct. 5, 1915	Mordant azo dyestuffs	Feb. 26	Apr. 9	L-106	419
1156044	Oct. 12, 1915	Art of preparing amino-arsenobenzenes.	Feb. 26	Apr. 9	L-106	439
1156045	Oct. 12, 1915	Art of preparing 2-chloro-4-aminobenzene-1-arsinic acid.	Feb. 26	Apr. 9	L-106	439
1156051	Oct. 12, 1915	Manufacture of steel	Feb. 28	Mar. 24	X-106	381
1156107	Oct. 12, 1915	Production of anhydrous hydrosulphites solutions.	Feb. 26	Mar. 22	J-106	209
1156715	Oct. 12, 1915	Electro osmotical filter press	Feb. 26	Mar. 24	X-106	411
1157348	Oct. 19, 1915	Process for producing oxalic acid	Feb. 28	Mar. 22	H-106	325
1157368	Oct. 19, 1915	Coke oven	Feb. 25	Mar. 21	H-106	270
1157402	Oct. 19, 1915	Manufacture of pure lactic acid	Feb. 27	Mar. 24	P-106	331
1157485	Oct. 19, 1915	Manufacture of black vat dyestuffs	Feb. 23	Mar. 24	T-106	271
1157662	Oct. 26, 1915	Process for the manufacture of fireproof utensils from refractory oxids.	Feb. 28	Mar. 24	Y-106	230
1157691	Oct. 26, 1915	Electric furnace	Mar. 1	Mar. 24	K-106	327
1158769	Nov. 2, 1915	Method of producing white aircontain oxid free of iron.	Feb. 25	Mar. 22	Z-106	178
1159878	Nov. 9, 1915	Process for forming casein masses	Feb. 28	Mar. 25	V-106	370
1159879	Nov. 9, 1915	Process for forming casein masses	Feb. 28	Mar. 25	V-106	370
1160375	Nov. 16, 1915	Process of removing sulfurated hydrogen from gases.	Feb. 28	Mar. 21	Q-106	363
1160481	Nov. 16, 1915	Apparatus for scouring greasy materials and recovering the solvent.	Mar. 1	Mar. 25	T-106	354
1160595	Nov. 16, 1915	Process for the manufacture of esters of oxy fatty acids.	Feb. 26	Mar. 22	H-106	313
1160836	Nov. 16, 1915	Purifying gases of dry distillation and recovering the by-products thereof.	Feb. 24	Mar. 21	U-106	127
1160847	Nov. 16, 1915	Electrolysis of alkali chlorids or alkali earth chlorids.	Feb. 25	Mar. 22	I-106	283
1160992	Nov. 16, 1915	Manufacture of a light-colored tar colloid having curative properties.	Feb. 28	Mar. 24	X-106	385
1161200	Nov. 23, 1915	Manufacture of zeolites	Feb. 25	Mar. 21	H-106	279
1162024	Nov. 30, 1915	Means for softening water	Feb. 25	Mar. 21	Q-106	348
1162044	Nov. 30, 1915	Process for extracting valuable copper constituents from cupriferous ores and their congners.	Feb. 24	Mar. 21	K-106	273
1162130	Nov. 30, 1915	Method for producing pure alumina from clay and other alumina-bearing materials.	Feb. 24	Mar. 21	Q-106	209
1162152	Nov. 30, 1915	Disinfectant	Feb. 26	Mar. 22	Y-106	216
1162259	Nov. 30, 1915	Dyeing machine	Feb. 28	Mar. 22	K-106	321
1162496	Nov. 30, 1915	Vat dyes of the anthraquinone series and process of making same.	Feb. 26	Mar. 22	J-106	209
1162600	Nov. 30, 1915	Process of agglomerating flue dust or other finely divided material.	Feb. 26	Mar. 24	S-106	294
1162617	Nov. 30, 1915	Process for the manufacture of potassium and sodium salts from kelp ashes.	Feb. 26	Mar. 24	U-106	233
1162729	Nov. 30, 1915	Process of treating crude petroleum.	Feb. 28	Mar. 25	U-106	289
1162907	Dec. 7, 1915	Art of preparing nitrogenous products from cod-liver oil.	Feb. 25	Mar. 22	Y-106	199
1162908	Dec. 7, 1915	Art of obtaining vitamins	Feb. 25	Mar. 22	Y-106	199
1163423	Dec. 7, 1915	Method of separating gas mixtures	Feb. 26	Mar. 24	X-106	388
1163438	Dec. 7, 1915	Bleaching process	Feb. 26	Mar. 24	Z-106	229
1163496	Dec. 7, 1915	Art of preparing nitrated aminobenzol arsinic acid.	Feb. 26	Apr. 9	L-106	419
1163693	Dec. 14, 1915	Method of and apparatus for testing liquids and other materials.	Feb. 28	Mar. 24	Y-106	191

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				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1164234	Dec. 14, 1915	Process for extinguishing flames in tanks.	Feb. 28	Mar. 24	P-106	334
1165222	Dec. 21, 1915	Material for coating and impregnating purposes.	Feb. 25	Mar. 22	Y-106	199
1165358	Dec. 21, 1915	Process for manufacturing nitrogen compounds.	Feb. 28	Mar. 24	R-106	328
1165815	Dec. 28, 1915	Mechanical sulfate furnace	Feb. 28	Mar. 24	U-106	262
1166139	Dec. 28, 1915	Mixing apparatus	Feb. 26	Mar. 22	H-106	329
			Mar. 21	Mar. 26	H-106	413
1166160	Dec. 28, 1915	Manufacture of anhydrous hydrosulfites.	Feb. 28	Mar. 22	H-106	323
1166170	Dec. 28, 1915	Process for production of zinc	Feb. 25	Mar. 21	U-106	126
1166171	Dec. 28, 1915	Process for smelting metallic ores	Feb. 25	Mar. 21	U-106	128
1166346	Dec. 28, 1915	Yellow diazo dyes	Feb. 26	Mar. 22	H-106	301
1167195	Jan. 4, 1916	Roof covering	July 28	Sept. 22	G-108	324
			Feb. 27	Mar. 22	L-106	228
1167230	Jan. 4, 1916	Medicinal extract of aperient drugs.	Feb. 26	Mar. 22	V-106	292
1167373	Jan. 11, 1916	Process for solidifying emulsion products.	Feb. 28	Mar. 21	I-106	246
1167532	Jan. 11, 1916	Process of manufacturing tungsten anticathodes for Roentgen tubes.	Feb. 25	Apr. 9	Q-106	448
1167622	Jan. 11, 1916	Mercury preparation for therapeutic purposes.	Feb. 25	Mar. 21	Q-106	255
1167827	Jan. 11, 1916	Process for the production of alloys of high melting point having ductile properties.	Feb. 28	Mar. 25	U-106	274
1168137	Jan. 11, 1916	Process of making an adhesive	Feb. 28	Mar. 21	W-106	354
1168164	Jan. 11, 1916	Derivatives of cellulose containing the residue of an organic acid and nitrogen and process of making same.	Feb. 26	Mar. 22	H-106	301
1169267	Jan. 25, 1916	Dyeing artificial silk	Feb. 26	Mar. 22	J-106	289
1169365	Jan. 25, 1916	Manufacture of reduction products of sulfurous acids and salts therefrom.	Feb. 25	Mar. 22	J-106	289
1169371	Jan. 25, 1916	Method of drying air for metallurgical uses.	Feb. 26	Mar. 22	R-106	308
1169479	Jan. 25, 1916	Apparatus for separating substances of different specific gravities.	Feb. 26	Mar. 21	U-106	160
1169634	Jan. 25, 1916	Process for the manufacture of aluminous products from the residues obtained in the oil manufacture.	Mar. 1	Mar. 24	P-106	319
1169817	Feb. 1, 1916	Method of carrying out gas reactions in an electric furnace.	Feb. 26	Mar. 21	S-106	210
1170102	Feb. 1, 1916	Elastic artificial cork and process of producing same.	Mar. 1	Mar. 25	V-106	359
1170110	Feb. 1, 1916	Process for the manufacture of yeast from molasses.	Feb. 28	Mar. 25	T-106	327
1170247	Feb. 1, 1916	Anticathode for Roentgen-ray tubes	Mar. 1	Mar. 24	K-106	325
1170313	Feb. 1, 1916	Process of burning carbon electrodes.	Mar. 1	Mar. 25	P-106	374
1172113	Feb. 15, 1916	Coloring medium for concentrated viscous sugar.	Feb. 28	Mar. 24	Z-106	159
1172521	Feb. 22, 1916	Process for recovering zinc from zinkiferous materials.	Feb. 28	Mar. 25	Z-106	263
1172863	Feb. 22, 1916	Process for producing nitrogen compounds.	Feb. 25	Mar. 21	Y-106	181
1172908	Feb. 22, 1916	Manufacture of hydrogen	Feb. 28	Mar. 21	U-106	166
1172925	Feb. 22, 1916	Process of producing hydrogen or illuminating and heating gas.	Feb. 25	Mar. 21	H-106	280
1173012	Feb. 22, 1916	Reduction of chloride	Feb. 28	Mar. 24	Q-106	337
1173077	Feb. 22, 1916	Diazo dye	Feb. 26	Mar. 22	H-106	301
1173195	Feb. 29, 1916	Loaded silk and process of loading the silk.	Feb. 28	Mar. 21	M-106	364
1173196	Feb. 29, 1916	Loaded silk and process of loading the silk.	Feb. 28	Mar. 21	M-106	364

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			1919.	1919.		
1173931	Feb. 29, 1916	Process of producing coating compositions of acetyl cellulose.	Feb. 26	Mar. 22	H-106	301
1173951	Feb. 29, 1916	Manufacture of sheet silicon alloy	Mar. 22	Mar. 26	Z-106	275
1173965	Feb. 29, 1916	Galvanic battery	Feb. 26	Mar. 22	R-106	306
1174250	Mar. 7, 1916	Process for producing acetic acid	Feb. 26	Mar. 22	J-106	280
1174663	Mar. 7, 1916	Process for distilling formic acid	Feb. 25	Mar. 21	K-106	270
1174946	Mar. 7, 1916	Apparatus for electroosmosis	Feb. 26	Mar. 24	X-106	411
1175146	Mar. 14, 1916	Process for separating thallium and radioactive metals from lead ores and producing a white lead pigment.	Feb. 28	Mar. 22	I-106	393
1175429	Mar. 14, 1916	Pickling apparatus for drawn wires	Feb. 28	Mar. 22	S-106	282
1175539	Mar. 14, 1916	Process for dyeing pelts, hairs, feathers, and the like.	Feb. 26	Mar. 22	J-106	309
1175587	Mar. 14, 1916	Process for the recovery of metal oxids and hydroxids.	Feb. 28	Mar. 24	Y-106	281
1175634	Mar. 14, 1916	Vat-dyestuff compounds suited for dyeing and printing.	Feb. 28	Mar. 24	V-106	325
1175751	Mar. 14, 1916	Process of making paint	Feb. 28	Mar. 24	T-106	295
1175958	Mar. 21, 1916	Process of producing graphite in colloidal form.	Feb. 26	Mar. 24	K-106	340
1176362	Mar. 21, 1916	Thero-electric thermometer	Feb. 25	Mar. 24	T-106	290
1176551	Mar. 21, 1916	Apparatus for decomposing alkali-chlorid solutions.	Feb. 26	Mar. 24	Y-106	277
1177156	Mar. 28, 1916	Waterproofing and weatherproofing composition.	Feb. 28	Mar. 25	I-106	387
1178223	Apr. 4, 1916	Process for production salts of fatty acids.	Feb. 26	Mar. 24	T-106	270
1178440	Apr. 4, 1916	Process for the manufacture of nitric acid or nitrates from nitrogen oxids.	Feb. 25	Mar. 21	H-106	283
1178551	Apr. 11, 1916	Cementation and hardening of iron and steel articles.	Feb. 28	Mar. 24	J-106	308
1179176	Apr. 11, 1916	Paint for protecting metals from rusting.	Feb. 26	Mar. 24	K-106	334
1179357	Apr. 11, 1916	Manufacture of fibrous material to be used as a substitute for leather and other purposes.	Feb. 25	Mar. 22	I-106	293
1179420	Apr. 18, 1916	Process for the manufacture of organic acids, especially acetic acid.	Feb. 24 Mar. 1	Mar. 21 Mar. 22	Y-106 H-106	193 293
1179625	Apr. 18, 1916	Production of fermentative preparation.	Feb. 28	Mar. 21	U-106	158
1180264	Apr. 18, 1916	Incandescent body for electric lamps.	Mar. 1	Mar. 24	P-106	342
1180814	Apr. 25, 1916	Highly refractory article of tantalum and its alloys.	Feb. 28	Apr. 9	Q-106	448
1180827	Apr. 25, 1916	Art of preparing organic compounds containing arsenic.	Feb. 26	Apr. 9	L-106	418
1180837	Apr. 25, 1916	Glycosid and process of making same.	Feb. 25	Mar. 22	Y-106	199
1180894	Apr. 25, 1916	Mercury preparation for therapeutic purposes and process of producing same.	Feb. 28	Mar. 21	Q-106	253
1180775	Apr. 25, 1916	Method of improving the permeability to air of dry plastering mortar.	Feb. 28	Mar. 24	K-106	343
1180985	Apr. 25, 1916	Blue tetrakisazo dyes	Feb. 26	Mar. 22	H-106	301
1181264	May 2, 1916	Process of replacing carbon monoxid in a gaseous mixture by hydrogen.	Feb. 26	Mar. 22	J-106	289
1181275	May 2, 1916	Imitation-ice surface and process of making it.	Feb. 28	Mar. 24	Z-106	233
1181697	May 2, 1916	Process for saponification of the chlorin derivatives of aliphatic hydrocarbons.	Feb. 27	Mar. 25	H-106	393
1183266	May 16, 1916	Process of obtaining gasolene substitute.	Feb. 28	Mar. 24	K-106	326
1183711	May 16, 1916	Compounds of the safranin dyes especially adapted for internal use.	Feb. 26	Mar. 22	H-106	301

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			1919.	1919.		
1183748	May 16, 1916	Process for dyeing skins, hairs, and the like.	Feb. 26	Mar. 22	H-106	301
1183749	May 16, 1916	Method of producing pure tar distillates.	Feb. 27	Mar. 21	I-106	270
1183831	May 16, 1916	Green substantive trisazo dyes	Feb. 26	Mar. 22	H-106	301
1184177	May 23, 1916	Manufacture of acetaldehyde	Feb. 26	Mar. 22	J-106	269
1185265	May 30, 1916	Pharmaceutical compounds	Feb. 25	Apr. 9	Z-106	358
1185499	May 30, 1916	Method of regenerating mercury catalysts.	Feb. 26	Mar. 22	J-106	269
1185514	May 30, 1916	Process for manufacturing lace from derivatives of cellulose.	July 28	Sept. 30	H-108	22
			Feb. 28	Mar. 24	L-106	273
1185637	June 6, 1916	Compounds of quinin and dialkyl-barituric acids.	Feb. 20	Mar. 24	W-106	414
			Apr. 8	Apr. 9	V-106	488
1185731	June 6, 1916	Process of improving the fertilizing action of lime nitrogen.	Feb. 25	Mar. 21	G-106	285
1185961	June 6, 1916	Regenerative coke oven	Feb. 28	Mar. 25	U-106	294
1186052	June 6, 1916	Process for the dyeing of artificial leather.	Mar. 1	Mar. 25	K-106	398
1186162	June 6, 1916	Method of cutting or machining metal articles.	Feb. 28	Mar. 22	S-106	244
1186500	June 6, 1916	Tanning substances and method of preparing the same.	Feb. 25	Mar. 22	U-106	212
1187865	June 20, 1916	Yarn washing and dyeing machine	Feb. 28	Mar. 21	U-106	173
1188021	June 20, 1916	Rabble	Feb. 28	Mar. 24	J-106	318
1188058	June 20, 1916	Apparatus for producing and preparing foils.	Feb. 28	Mar. 22	K-106	307
1188191	June 20, 1916	Process of liquefying gas mixtures and for separating the constituents.	Feb. 27	Mar. 24	T-106	307
1189313	July 4, 1916	Process of treating metalliferous materials for roasting, reducing, sintering, and like purposes.	Feb. 28	Mar. 25	Z-106	262
1189698	July 4, 1916	Process of producing colloidal solutions in organic substances not miscible with water.	Feb. 26	Mar. 24	K-106	345
1191390	July 18, 1916	Process for making condensation products from phenols and formaldehyde.	Feb. 25	Mar. 21	I-106	243
1191801	July 18, 1916	Process for manufacturing plastic substances from the derivatives of cellulose.	Mar. 1	Mar. 24	L-106	270
1192081	July 25, 1916	Process of regenerating the waste products of galvanic batteries.	Feb. 26	Mar. 22	R-106	306
1192460	July 25, 1916	Method of manufacturing leather substances.	Feb. 28	Mar. 21	Z-106	139
1192581	July 25, 1916	Apparatus for distilling petroleum tar, or other substances under vacuum.	Feb. 28	Mar. 24	P-106	354
1194866	Aug. 15, 1916	Paper size and the process of making same.	Feb. 28	Mar. 24	Z-106	230
1195099	Aug. 15, 1916	Method for the production of gelatinous substances.	Mar. 1	Mar. 24	Y-106	252
1195432	Aug. 22, 1916	Sensitive plate for Roentgen photography and process of making the same.	Feb. 28	Mar. 24	Y-106	255
1196185	Aug. 29, 1916	Process of producing an iron alloy rich in phosphorus from inferior finery slag.	Feb. 28	Mar. 21	H-106	285
1197462	Sept. 5, 1916	2-Naphthyquinolin -4- carboxylic acid.	Feb. 25	Apr. 9	Z-106	358
Re-(14216)	Nov. 21, 1916					
1199220	Sept. 26, 1916	Method for producing pure retort carbon.	Feb. 28	Mar. 25	H-106	395
1199273	Sept. 26, 1916	Process for dyeing with dyestuffs insoluble in water or water insoluble senco compounds of dyestuffs.	Feb. 28	Mar. 24	Y-106	325
1199697	Sept. 26, 1916	Dyes and process of making same	Feb. 26	Mar. 22	H-106	301

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			1919.	1919.		
1200055	Oct. 3, 1916	Process of making sulfur dyes	Feb. 28	Mar. 22	H-106	319
1200138	Oct. 3, 1916	Compound or mixture from which to make forms for producing castings of objects from materials of any kind.	Feb. 28	Mar. 22	U-106	210
1200146	Oct. 3, 1916	Manufacture of leather and products resembling leather.	Feb. 24	Mar. 21	G-106	274
1200617	Oct. 10, 1916	Manufacture of lubricating grease	Feb. 28	Mar. 24	T-106	289
1200726	Oct. 10, 1916	Process for the manufacture of alkali salts of nitrosamins of primary aromatic amins.	Feb. 26	Mar. 22	R-106	304
1200774	Oct. 10, 1916	Treatment of cellulose derivatives	Feb. 28	Mar. 25	Y-106	313
1201101	Oct. 10, 1916	Process for the decortication and scoring of urticaceous plants.	Feb. 28	Mar. 24	H-106	363
1201132	Oct. 10, 1916	Method for the production of gelatinous substances.	Mar. 1	Mar. 24	Y-106	252
1201133	Oct. 10, 1916	Solid gelatinous product	Mar. 1	Mar. 24	Y-106	252
1201260	Oct. 17, 1916	Process for the manufacture of cellulose esters.	Feb. 28	Mar. 25	Q-106	345
1201601	Oct. 17, 1916	Method of producing pure tar distillates.	Feb. 27	Mar. 21	I-106	270
1201607	Oct. 17, 1916	Electric furnace	Feb. 27	Mar. 24	Z-106	221
1202061	Oct. 24, 1916	Apparatus for shifting hanks of yarn in dyeing.	Feb. 28	Mar. 24	Y-106	265
1202109	Oct. 24, 1916	Filter press	Feb. 28	Mar. 22	Y-106	241
1202512	Oct. 24, 1916	Method of concentrating ore by flotation.	Feb. 26	Mar. 22	H-106	311
1203409	Oct. 31, 1916	Enamel composition	Mar. 1	Mar. 25	W-106	434
1204398	Nov. 14, 1916	Electrodeposition of metal on rotation bodies.	Feb. 25	Mar. 21	T-106	202
1204479	Nov. 14, 1916	Therapeutically active substances	Feb. 28	Mar. 21	X-106	311
1204537	Nov. 14, 1916	Method of and apparatus for producing lead oxid.	Feb. 28	Mar. 21	U-106	133
1204933	Nov. 14, 1916	Process of making formates	Feb. 27	Mar. 24	Z-106	238
1205081	Nov. 14, 1916	Method of manufacturing phenol-aldehyde resins soluble in oil and varnishes therefrom.	Feb. 25	Mar. 21	I-106	245
1205493	Nov. 21, 1916	Process of producing oxalic acid	Feb. 28	Mar. 22	H-106	325
1205578	Nov. 21, 1916	Process for converting heavy hydrocarbons into light hydrocarbons.	Feb. 24	Mar. 24	J-106	309
1205733	Nov. 21, 1916	Water-tight cement and process of producing the same.	Feb. 28	Mar. 24	X-106	371
1205829	Nov. 21, 1916	Process of producing a stable fertilizer.	Feb. 28	Mar. 21	W-106	358
1205924	Nov. 21, 1916	Process for improving the antiseptic fungicidal and insecticidal action of tar oils.	Feb. 23	Mar. 21	X-106	310
1205944	Nov. 21, 1916	Process for sintering fine ores, flue dust, purple ore, and the like.	Feb. 26	Mar. 24	S-106	206
1205957	Nov. 28, 1916	Preparation for treating teeth	Feb. 25	Mar. 21	I-106	235
1206545	Nov. 28, 1916	Artificial building material and method for producing the same.	Feb. 28	Mar. 21	G-106	259
1206546	Nov. 28, 1916	Process for producing articles from diatomaceous earth.	Feb. 28	Mar. 21	G-106	270
1207177	Dec. 5, 1916	Process of making soluble starch	Feb. 28	Mar. 23	U-106	312
1207416	Dec. 5, 1916	Process for manufacturing nitrogen compounds.	Feb. 28	Mar. 24	R-106	328
1207782	Dec. 12, 1916	Production of anhydrous hydrosulfites from aqueous hydrosulfite solutions.	Feb. 26	Mar. 22	J-106	289
1207819	Dec. 12, 1916	Furnace	Feb. 28	Mar. 21	K-106	293
1208877	Dec. 19, 1916	Manufacture of acid ammonium phosphate.	Feb. 18	Mar. 25	R-106	381
1209154	Dec. 19, 1916	Trisazo dyes	Feb. 26	Mar. 22	H-106	301
1209212	Dec. 19, 1916	Manufacture of vat dyestuffs or initial products of same.	Feb. 23	Mar. 24	T-106	271
1209327	Dec. 19, 1916	Process for treating the green juice of tobacco plants.	Mar. 1	Mar. 25	R-106	355

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			1919.	1919.		
1209539	Dec. 19, 1916	Process for treating casein	Feb. 25	Mar. 21	U-106	131
1209580	Dec. 19, 1916	Sulfur dyes	Feb. 26	Mar. 22	H-106	301
1209628	Dec. 19, 1916	Process of manufacturing iron from the scrap of zinced sheet iron.	Feb. 28	Mar. 21	I-106	247
1209710	Dec. 26, 1916	Wire electrode for electrolytic purposes.	Feb. 25 June 24	Mar. 24 June 28	T-106 T-106	290 215
1210279	Dec. 26, 1916	Method of producing special effects in batik work	Feb. 25	Mar. 22	U-106	187
1210491	Jan. 2, 1917	Process of artificially seasoning wood.	Feb. 28	Mar. 21	G-106	266
1210651	Jan. 2, 1917	Process of making pure highly concentrated hydrogen peroxid from the peroxid of an alkaline earth.	Feb. 28	Mar. 21	J-106	222
1210782	Jan. 2, 1917	Method of purifying acetic acid	Feb. 26	Mar. 24	S-106	301
1210820	Jan. 2, 1917	Process for the manufacture of artificial-stone plates.	Feb. 28	Apr. 9	N-106	485
1211181	Jan. 2, 1917	Apparatus for the production of nitrogen compounds.	Feb. 28	Mar. 24	G-106	320
1211395	Jan. 9, 1917	Treatment of coke-oven gases	Feb. 28	Mar. 24	X-106	363
1211450	Jan. 9, 1917	Washing device for guncotton and similar products.	Feb. 26	Mar. 21	J-106	223
1211526	Jan. 9, 1917	Process for the manufacture of horny substances from casein.	Feb. 28	Mar. 21	U-106	132
1211564	Jan. 9, 1917	Production of antimonates	Feb. 27	Mar. 24	Z-106	238
1211687	Jan. 9, 1917	Apparatus for the electrolytic decomposition of water.	Feb. 25	Mar. 22	U-106	193
1211721	Jan. 9, 1917	Process for the manufacture of asphaltlike masses and derivatives therefrom.	Feb. 27	Mar. 21	P-106	275
1212007	Jan. 9, 1917	Water softening	Feb. 25	Mar. 21	T-106	208
1212426	Jan. 16, 1917	Process for producing homogeneous bodies of chemically pure tungsten metal of any desired shape.	Feb. 28	Mar. 24	L-106	293
1212504	Jan. 16, 1917	Process of preparing nitrogen compounds.	Feb. 28	Mar. 24	G-106	320
1212566	Jan. 16, 1917	Separating finely divided ore mixtures in vacuum separating vessels or chambers.	Feb. 28	Mar. 25	R-106	363
1212702	Jan. 16, 1917	Manufacture of alkali and alkaline-earth metal sulfids.	Feb. 26	Mar. 22	J-106	269
1213075	Jan. 16, 1917	Disazo dyes	Feb. 26	Mar. 22	H-106	301
1214346	Jan. 30, 1917	Manufacture of an artificial manure or fertilizer.	Feb. 28	Mar. 21	I-106	273
1214414	Jan. 30, 1917	Condensation product from phenols and formaldehyde.	Feb. 23	Mar. 21	I-106	245
1215957	Feb. 13, 1917	Apparatus for liquefying and separating gases.	Feb. 27	Mar. 24	T-106	307
1216371	Feb. 20, 1917	Process for the manufacture of hydroxid of aluminum.	Feb. 26	Mar. 22	K-106	318
1217862	Feb. 27, 1917	Salts of acetylsalicylic acid and process of manufacture of same.	Feb. 28	Mar. 24	I-106	324
1219166	Mar. 13, 1917	Manufacture of chlorinated products of xylene, aldehydro-benzoic acids, and dyestuffs therefrom.	Feb. 28	Mar. 24	Y-106	299
1219226	Mar. 13, 1917	Process for the manufacture of betain from vinasses.	Feb. 26	Mar. 22	H-106	301
1219852	Mar. 20, 1917	Process of preheating blast-furnace gases.	Feb. 28	Mar. 25	R-106	356
1219954	Mar. 20, 1917	Ortho-oxy-monoazo dyes	Feb. 26	Mar. 22	H-106	301
1220067	Mar. 20, 1917	Process and apparatus for continuously distilling mineral oils and the like.	Mar. 1	Mar. 21	T-106	199
1220253	Mar. 27, 1917	Enamel and process of making the same.	Feb. 25	Mar. 22	Z-106	176
1220735	Mar. 27, 1917	Method for the production of hydraulic lime and cement from combustion residues of sewage, canal sludge, or the like.	Feb. 28	Mar. 24	T-106	275

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			1919.	1919.		
1220746	Mar. 27, 1917	Process for the manufacture of aldol.	Feb. 24	Mar. 21	Y-106	193
1221104	Apr. 3, 1917	Process for making coatings of fusible substances.	Feb. 28	Mar. 25	H-106	388
1222033	Apr. 10, 1917	Manufacture of products adapted to precipitate glue or like substances.	Feb. 25	Mar. 22	U-106	212
1222239	Apr. 10, 1917	Electrolysis of alkaline haloids	Feb. 25	Mar. 24	T-106	290
1224242	May 1, 1917	Process for producing homogeneous articles of any desired form out of pure tungsten.	Feb. 28	Mar. 22	H-106	320
1224418	May 1, 1917	Flux for welding nickel and nickel alloy.	Feb. 28	Mar. 26	Y-106	295
1225262	May 8, 1917	Apparatus for producing hydrogen	Feb. 28	Mar. 21	I-106	273
1225263	May 8, 1917	Apparatus for producing hydrogen	Feb. 28	Mar. 21	I-106	273
1225264	May 8, 1917	Process of producing hydrogen	Feb. 28	Mar. 21	I-106	273
1228622	June 5, 1917	Preparing compounds of chromium oxid.	Feb. 28	Mar. 22	H-106	318
1228916	June 5, 1917	Process for producing yoghurt beer	Feb. 28	Mar. 21	S-106	222
1230524	June 19, 1917	Method for separation of finely divided substances from coarse and foreign matters.	Feb. 26	Mar. 22	K-106	318
1231083	June 26, 1917	Process of producing pure zinc	Feb. 28	Mar. 22	X-106	347
1231084	June 26, 1917	Apparatus for producing zinc and other similar metals.	Feb. 28	Mar. 22	X-106	346
1232334	July 3, 1917	Process of separating thorium from soda solutions containing thorium oxalate.	Feb. 18	Mar. 24	H-106	359
1233384	July 17, 1917	Binding materialand the method of preparing.	Feb. 27	Mar. 24	I-106	334
1233611	July 17, 1917	Method of impreving coke as fuel for stoves, hearths, and the like by filling up the pores thereof.	Feb. 28	Mar. 22	K-106	311
1233713	July 17, 1917	Process for the treatment of clay and kaolin by elutriation.	Feb. 26	Mar. 22	K-106	318
1234156	July 24, 1917	Process of making aldol	Feb. 26	Mar. 24	K-106	323
1234714	July 31, 1917	Method of thickening (condensing) or drying solutions, emulsions, and the like.	Mar. 1	Mar. 22	Y-106	209
1234946	July 31, 1917	Electrode packing for melting furnaces.	Feb. 26	Mar. 22	Y-106	236
1234947	July 31, 1917	Cooled bottom electrode for electric smelting furnaces.	Feb. 26	Mar. 22	Y-106	236
1235063	July 31, 1917	Electro-osmotic process of treating liquid mixtures.	Feb. 26	Mar. 22	K-106	319
1235064	July 31, 1917	Electro-osmotic purification of gelatinous substances.	Feb. 26	Mar. 22	K-106	319
1235426	July 31, 1917	Production of formic acid	Feb. 27	Mar. 24	Z-106	238
1236213	Aug. 7, 1917	Process for rendering liquids radioactive.	Feb. 28	Mar. 21	U-106	165
1236468	Aug. 14, 1917	Tanning materia	Feb. 26	Mar. 21	Y-106	189
1236978	Aug. 14, 1917	Manufacture of calcium hypochlorite	Feb. 26	Mar. 22	J-106	270
1237076	Aug. 14, 1917	Method of manufacturing polyvalent alcohols.	Feb. 27	Mar. 22	L-106	228
1237840	Aug. 21, 1917	Process for the direct production of pure oxid of tin.	Feb. 28	Mar. 25	V-106	370
1237852	Aug. 21, 1917	Process of producing synthetic asphalt limestone.	Feb. 28	Mar. 24	K-106	388
1238022	Aug. 21, 1917	Art of compressing fine ores and the like substance into blocks or briquets.	Feb. 26	Mar. 26	W-106	445
1238202	Aug. 28, 1917	Process of impregnating artificial and natural materials.	Feb. 26	Mar. 22	K-106	318
1238528	Aug. 28, 1917	Process of making plastic masses	Feb. 28	Mar. 24	G-106	319
1239112	Sept. 4, 1917	Process of producing well-clouded enamels or gazes by means of substitutes for stannic oxid.	Feb. 28	Mar. 24	S-106	307
1239237	Sept. 4, 1917	Apparatus for impregnating water with radium emanations.	Feb. 28	Mar. 21	U-106	165

No.	Date of issue.	Title.	Date of demand.	*Demand recorded in* records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1239867	Sept. 11, 1917	Art of hydrogenating organic substances.	Feb. 25	Mar. 22	Y-106	199
1240523	Sept. 18, 1917	Production of sulfonic-acid salts from mineral-oil waste liquor.	Feb. 28	Mar. 25	R-106	379
1240886	Sept. 25, 1917	Galvanic battery	Mar. 1	Mar. 25	X-106	427
1241738	Oct. 2, 1917	Plastic composition and process of producing it.	Feb. 26	Mar. 22	J-106	269
1241789	Oct. 2, 1917	Process for the dry distillation of materials containing cellulose.	Feb. 26	Mar. 24	T-106	270
1241950	Oct. 2, 1917	Process for treating tanning substances soluble with difficulty contained in crude quebracho liquors.	Feb. 28	Mar. 24	V-106	318
1241995	Oct. 2, 1917	Modifying acetyl cellulose	Feb. 26	Mar. 22	V-106	292
1243170	Oct. 16, 1917	Vat dyes and process of making same.	Feb. 26	Mar. 24	W-106	396
1243171	Oct. 16, 1917	Vat dyes and process of making same.	Feb. 26	Mar. 24	W-106	396
1244901	Oct. 30, 1917	Method of producing acetaldehyde	Feb. 28	Mar. 25	F-106	378
			July 17	July 22	H-106	315
1244902	Oct. 30, 1917	Method of producing acetaldehyde	Feb. 28	Mar. 25	F-106	378
			July 17	July 22	H-107	313
1247334	Nov. 20, 1917	Stable carbonic-acid solution and method of producing same.	Feb. 26	Mar. 24	G-106	328
1247833	Nov. 27, 1917	Process of softening water	Feb. 28	Mar. 21	S-106	220
1248022	Nov. 27, 1917	Solution for preserving wood	Feb. 27	Mar. 26	Z-106	292
1248933	Dec. 4, 1917	Process for utilizing the washwater of the manufacture of nitrocellulose.	Feb. 28	Mar. 25	S-106	338
1249037	Dec. 11, 1917	Production of ground enamels	Feb. 28	Mar. 21	K-106	274
1251368	Dec. 25, 1917	Sulfur dyes and their manufacture	Feb. 26	Mar. 22	H-106	301
1251369	Dec. 25, 1917	Dyes and manufacture thereof	Feb. 26	Mar. 22	H-106	301
1252212	Jan. 1, 1918	Process of producing novel addition compounds of the desoxycholic acid.	Feb. 28	Mar. 21	W-106	351
1252591	Jan. 8, 1918	Process of obtaining wax-like substances from lanolin.	Feb. 26	Mar. 24	J-106	304
1253691	Jan. 15, 1918	Explosive substance	Feb. 28	Mar. 25	U-106	273
1253840	Jan. 15, 1918	Process for the elimination of manganese and iron from water.	Feb. 28	Mar. 24	R-106	325
1254033	Jan. 22, 1918	Preparation of amino compounds fermentation.	Feb. 26	Mar. 22	J-106	253
1255340	Feb. 5, 1918	Impregnation of wood, etc	Feb. 26	Mar. 24	G-106	331
1255739	Feb. 5, 1918	Halogenated dyes of the acridin series.	Feb. 26	Mar. 22	H-106	301
1255740	Feb. 5, 1918	Dyes of the benzene-naphthalene series and process for their manufacture.	Feb. 26	Mar. 22	H-106	301
1256171	Feb. 12, 1918	Filter body	Feb. 28	Mar. 25	S-106	334
1256455	Feb. 12, 1918	Composition and process for making enamel.	Feb. 28	Mar. 21	K-106	274
1256456	Feb. 12, 1918	Enamel composition and process of manufacturing it.	Feb. 28	Mar. 21	K-106	274
1256952	Feb. 19, 1918	Recovery of sugar from molasses	Feb. 28	Mar. 25	Z-106	261
1257896	Feb. 26, 1918	Process of dyeing elongated bodies of yarn or the like.	Feb. 28	Mar. 21	M-106	360
1260084	Mar. 26, 1918	Rubber-mixing machine	Mar. 1	Mar. 22	R-106	299
1261342	Apr. 2, 1918	Process for the production of zinc	Feb. 25	Mar. 21	U-106	128
1261858	Apr. 9, 1918	Manufacture of vat dyestuffs of the carbazole naphthoquinone series.	Feb. 23	Mar. 24	T-106	271
1261987	Apr. 9, 1918	Method of making aluminum alloy articles.	Feb. 28	Mar. 25	U-106	297
1262302	Apr. 9, 1918	Oil varnish and process for manufacturing same.	Feb. 25	Mar. 21	Z-106	127
1262589	Apr. 9, 1918	Process of producing hydrogen peroxide.	Feb. 27	Mar. 24	J-106	302
1263119	Apr. 16, 1918	Cellulose acetate and a process of making same.	Feb. 28	Mar. 25	Q-106	345

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1264479	Apr. 30, 1918	Process of recovering the vapors of volatile liquids.	Feb. 25	Mar. 21	H-106	280
1264674	Apr. 30, 1918	Insulation of electricity	Feb. 28	Mar. 24	Z-106	217
1265864	May 14, 1918	Process of preparing stable solutions of di-methylaminotetraminiarsenobenzene.	Feb. 26	Apr. 9	L-106	419
1265865	May 14, 1918	Process of preparing derivatives of bismethylamino arsenobenzene which are soluble in water.	Feb. 26	Apr. 9	L-106	419
1266329	May 14, 1918	Electro osmotic extraction of water from animal, vegetable, and material substances.	Feb. 26	Mar. 24	X-106	411
1267209	May 21, 1918	Apparatus for dyeing wool and other fibrous substances.	Feb. 26	Mar. 24	R-106	317
1268240	June 4, 1918	Manufacture of metal nitrogen compound.	Feb. 26	Mar. 24	S-106	302
1268483	June 4, 1918	Electrode for use in electric furnaces and for other purposes.	Feb. 28	Mar. 24	K-106	353
1269006	June 11, 1918	Process for purifying fluids	Feb. 26	Mar. 22	K-106	318
1271846	July 9, 1918	Process of producing mercury preparations for therapeutic purposes.	Feb. 28	Mar. 21	Q-106	253
1274171	July 30, 1918	Process of preserving wood	Feb. 26	Mar. 24	P-106	332
1274560	Aug. 6, 1918	Process of purifying water	Feb. 28	Mar. 24	R-106	325
1275045	Aug. 6, 1918	Process for utilizing the residues obtained in the distillation of zinc.	Feb. 28	Mar. 24	Y-106	280
1275289	Aug. 13, 1918	Method of refining fats and oils	Feb. 26	Mar. 24	Z-106	219
1276206	Aug. 20, 1918	Absorbent material sizing composition.	Feb. 26	Mar. 22	S-106	274
1278429	Sept. 10, 1918	Apparatus for the autogenous working of metals under water.	Feb. 28	Mar. 22	G-106	296
1281775	Oct. 15, 1918	Method of heating coke ovens	Mar. 1	Mar. 22	H-106	300
1284723	Nov. 12, 1918	Process of producing high melting point fatty acid and hydrophilous neutral products, etc.	Feb. 26	Mar. 24	J-106	305
1284724	Nov. 12, 1918	Process of obtaining oxycholesterin	Feb. 28	Mar. 21	W-106	343
1285144	Nov. 19, 1918	Process for tanning or impregnating hides.	Mar. 1	Mar. 21	S-106	214
1285704	Nov. 26, 1918	Radioactive preparation	Feb. 28	Mar. 24	X-106	381
1285726	Nov. 26, 1918	Anthraquinone derivative and process of making same.	Feb. 28	Mar. 24	K-106	338
1285727	Nov. 26, 1918	Vat color and process of making same.	Feb. 28	Mar. 24	K-106	336
1287387	Dec. 10, 1918	Process of manufacturing a substitute for leather.	Mar. 1	Mar. 24	I-106	341
		Series 2.				
698268	Apr. 22, 1902	Process of making cement	Mar. 21	Mar. 26	J-106	346
704036	July 8, 1902	Process of separating alkali-metal sulfates from mixed solutions.	Mar. 22	Mar. 26	X-106	453
708396	Sept. 2, 1902	Process of tanning	Feb. 26	Mar. 22	T-106	262
709358	Sept. 16, 1902	Process of desulfurizing furnace gases.	Mar. 1	Mar. 25	J-106	329
709563	Sept. 23, 1902	Process of producing iron	Mar. 1	Mar. 25	V-106	373
709570	Sept. 23, 1902	Process of producing cyanate of potassium.	Mar. 1	Mar. 24	K-106	373
709712	Sept. 23, 1902	Filter	Mar. 1	Mar. 22	Z-106	173
713646	Nov. 18, 1902	Process of clearing fluids containing free acids or acid salts.	Mar. 1	Mar. 24	G-106	323
713755	Nov. 18, 1902	Apparatus for bleaching, dyeing, etc.	Mar. 1	Mar. 25	Z-106	244
714201	Nov. 25, 1902	Storage battery	Mar. 1	Mar. 25	P-106	563
716926	Dec. 30, 1902	Dyeing apparatus	Mar. 1	Mar. 25	R-106	351
721489	Feb. 24, 1903	Process of making citrate soluble-phosphates.	Mar. 1	Mar. 21	J-106	241
722050	Mar. 3, 1903	Process of printing cotton	Mar. 22	Mar. 26	S-106	363
722238	Mar. 10, 1903	Photographic emulsion and process of making same.	Mar. 1	Mar. 24	U-107	257

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				Date of filing or recording.	Book.	Page.
			1919.	1919.		
722455	Mar. 10, 1903	Process of precipitating gold from cyanid solutions.	Feb. 26	Mar. 25	K-106	382
724079	Mar. 31, 1903	Method of producing electric insulating bodies.	Feb. 26	Mar. 25	T-106	318
724619	Apr. 7, 1903	Electric accumulator	Mar. 1	Mar. 26	S-106	369
725208	Apr. 14, 1903	Electrolytic coating apparatus	Mar. 21	Mar. 26	Y-106	330
725879	Apr. 21, 1903	Process of producing printing cliches and high reliefs.	Mar. 1	Mar. 25	I-106	357
728385	May 19, 1903	Process of making albumose	Mar. 1	Mar. 22	T-106	250
729218	May 26, 1903	Process of improving tobacco	Mar. 1	Mar. 25	V-106	365
729321	May 26, 1903	Process of preparing fuel composition.	Mar. 1	Mar. 24	U-106	224
731831	June 23, 1903	Bronze-coated plate	Mar. 1	Mar. 21	L-106	292
733957	July 21, 1903	Process of manufacturing homogeneous metal castings.	Mar. 1	Mar. 24	S-106	300
734240	July 21, 1903	Pulverizing and cleaning minerals	Feb. 26	Mar. 25	K-106	383
734826	July 28, 1903	Electric battery	Mar. 1	Mar. 22	I-106	289
735293	Aug. 4, 1903	Process of making articles of wolfram and lead.	Feb. 26	Mar. 25	K-106	377
737579	Sept. 1, 1903	Process of purifying gas	Feb. 28	Mar. 22	G-106	301
737850	Sept. 1, 1903	Filter	Mar. 1	Mar. 22	Z-106	173
741029	Oct. 13, 1903	Red azo lake	Mar. 21	Mar. 26	Z-106	277
741584	Oct. 13, 1903	Process of making fatty substances	Mar. 1	Mar. 21	W-106	342
743340	Nov. 3, 1903	Disinfecting apparatus	Feb. 28	Mar. 25	S-106	341
744758	Nov. 24, 1903	Pocket battery	Mar. 1	Mar. 26	X-106	449
744978	Nov. 24, 1903	Disinfectant vessel	Mar. 1	Mar. 25	J-106	320
745274	Nov. 24, 1903	Accumulator-plate	Mar. 1	Mar. 22	X-106	319
745378	Dec. 1, 1903	Electrolytic refining of zinc	Feb. 26	Mar. 25	H-106	378
751807	Feb. 9, 1904	Explosive	Feb. 28	Mar. 21	Q-106	270
752693	Feb. 23, 1904	Filter	Mar. 1	Mar. 24	U-106	247
755222	Mar. 22, 1904	Process of treating plumbiferous ores.	Mar. 1	Mar. 26	K-106	411
756124	Mar. 29, 1904	Method of producing pit coal or coke briquets.	Mar. 1	Mar. 24	J-106	301
757806	Apr. 19, 1904	Disinfecting apparatus	Mar. 1	Mar. 24	S-106	295
758338	Apr. 26, 1904	Art of photomechanical printing	Feb. 28	Mar. 25	S-106	344
758774	May 3, 1904	Process of manufacturing nitric dioxid acid.	Feb. 26	Mar. 21	Q-106	265
761310	May 31, 1904	Preparation of azo dyes	Mar. 1	Mar. 21	W-106	346
765943	July 26, 1904	Process of making a substitute for cold-liver oil.	Mar. 1	Mar. 25	Z-106	268
768180	Aug. 23, 1904	Galvanic battery	Mar. 1	Mar. 24	Z-106	195
769355	Sept. 6, 1904	Process of manufacturing fireproof flooring.	Feb. 28	Mar. 21	Q-106	269
772646	Oct. 18, 1904	Manufacture of an artificial leather substitute.	Mar. 1	Mar. 21	K-106	270
773427	Oct. 25, 1904	Manufacture of floor coverings and plastic wall and ceiling facings.	Feb. 28	Mar. 21	U-106	179
773492	Oct. 25, 1904	Ignition material	Mar. 1	Mar. 24	R-106	309
778670	Dec. 27, 1904	Ortho-dioxyanthraquinone sulfo acid and process of making same.	Mar. 1	Mar. 24	Z-106	206
778703	Dec. 27, 1904	Process of utilizing waste ends of carbons.	Feb. 27	Mar. 25	H-106	382
782656	Feb. 14, 1905	Process of manufacturing storage battery or accumulator electrodes.	Mar. 1	Mar. 24	L-106	252
782739	Feb. 14, 1905	C-C-dialkyl-barbituric acid and process of making same.	1918 Dec. 4 Dec. 11 1919 Mar. 22	1918 Dec. 5 Dec. 11 1919 Mar. 26	I-105 Q-105 J-106	436 473 349
785308	Mar. 21, 1905	Process of recovering sugar from massecuite.	Mar. 1	Mar. 22	I-106	301
785733	Mar. 28, 1905	Process of obtaining the contents of yeast cells.	Mar. 1	Mar. 24	J-106	280
786573	Apr. 4, 1905	Apparatus for spraying blast-furnace cinder.	Mar. 1	Mar. 22	J-106	261
791904	June 6, 1905	Pigmented paper	Mar. 1	Mar. 24	W-106	398

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			1919.	1919.		
792449	June 13, 1905	Method of converting granular or pulverulent materials into lumps.	Feb. 28	Mar. 21	Q-106	271
792826	June 20, 1905	Method of coating materials with silver.	Mar. 1	Mar. 24	J-106	286
793446	June 27, 1905	Igniter	Mar. 1	Mar. 26	W-106	455
797458	Aug. 15, 1905	Process of reducing photographic emulsions.	Feb. 26	Mar. 25	W-106	444
797577	Aug. 22, 1905	Storage vessel for liquefied gases	Feb. 28	Mar. 25	Z-106	252
798208	Aug. 29, 1905	Process of making sodium ferrocyanid.	Feb. 26	Mar. 25	L-106	300
799011	Sept. 5, 1905	Process for the extirpation of vermin on board ship.	Mar. 1	Mar. 24	J-106	299
800925	Oct. 3, 1905	Process of purifying viscin	Mar. 1	Mar. 26	P-106	391
802598	Oct. 24, 1905	Process for preparing autotype negatives.	Mar. 1	Mar. 21	T-106	223
802996	Oct. 31, 1905	Apparatus for making fertilizers	Mar. 1	Mar. 21	H-106	287
804429	Nov. 14, 1905	Process for making contacts	Feb. 18	Mar. 25	L-106	301
804664	Nov. 14, 1905	Soldering paste	Mar. 1	Mar. 21	P-106	284
805031	Nov. 21, 1905	Process for preparing zinc and aluminium plates for printing purposes.	Mar. 1	Mar. 25	I-106	359
808095	Dec. 26, 1905	Manufacture of organic compounds of oxidation.	Mar. 1	Mar. 26	U-106	314
809770	Jan. 9, 1906	Asymmetric cell	Mar. 1	Mar. 25	T-106	322
812608	Feb. 13, 1906	Process of making a formicaldehyde compound.	Mar. 22	Mar. 26	Z-106	299
815414	Mar. 20, 1906	Weighing scale	Mar. 1	Mar. 22	S-106	270
815548	Mar. 20, 1906	Process of producing aromatic alcohols and their derivatives.	Mar. 1	Mar. 22	L-106	233
817188	Apr. 10, 1906	Process of making acetylene chlorid	Feb. 28	Mar. 21	Q-106	273
817732	Apr. 10, 1906	Electric incandescent lamp	Mar. 21	Mar. 26	J-106	366
817734	Apr. 10, 1906	Incandescing body for lighting purposes.	Mar. 21	Mar. 26	J-106	366
821434	May 22, 1906	Process for manufacturing artificial parchment.	Mar. 1	Mar. 25	F-106	369
824092	June 26, 1906	Process of extracting ammonia from gases.	Mar. 1	Mar. 22	G-106	291
827896	Aug. 7, 1906	Micrographic microscope	Mar. 1	Mar. 25	L-106	321
830248	Sept. 4, 1906	Appliance for storage vessels for liquid gases.	Mar. 1	Mar. 21	H-106	288
832621	Oct. 9, 1906	Sticking plaster	Mar. 1	Mar. 25	J-106	324
833922	Oct. 23, 1906	Balance or weighing apparatus of the pendulum type	Mar. 1	Mar. 22	S-106	270
836520	Nov. 20, 1906	Manufacture of steel from ordinary iron.	Mar. 1	Mar. 22	L-106	241
837016	Nov. 27, 1906	Process for detanning mineral or chrome tanned or leather waste.	Mar. 1	Mar. 25	R-106	388
837045	Nov. 27, 1906	Extraction of ammonia from gas	Mar. 1	Mar. 24	U-106	220
838216	Dec. 11, 1906	Explosive coherer powder	Mar. 1	Mar. 25	I-106	364
843549	Feb. 5, 1907	Receptacle for elements	Apr. 19	June 6	A-108	142
845256	Feb. 26, 1907	Process of utilizing waste ends of carbons for arc lamps.	Feb. 28	Mar. 24	Z-106	236
			Feb. 27	Mar. 25	H-106	382
848791	Apr. 2, 1907	Pyrimidin derivative	Feb. 26	Mar. 24	W-106	414
842745	Jan. 28, 1907		Feb. 26	Mar. 24	W-106	414
855595	June 4, 1907	Process of manufacturing nitroglycerin explosives of reduced freezing point.	Mar. 1	Mar. 22	Y-106	248
858536	July 2, 1907	Waterproof paint	Feb. 28	Mar. 25	J-106	326
859753	July 9, 1907	Process for the building up of spongy lead plates for electric storage batteries.	Mar. 1	Mar. 22	L-106	217
860483	July 16, 1907	Apparatus for carbonizing wood, peat, and the like.	Mar. 1	Mar. 26	U-106	309
861440	July 30, 1907	Process for manufacturing steel	Mar. 1	Mar. 26	L-106	325
861999	July 30, 1907	Process for preparing steel of high grade from ordinary iron.	Mar. 1	Mar. 22	L-106	241

[1]Reissue

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
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			1919.	1919.		
884219	Aug. 27, 1907	Process for the manufacture of easily emulsifiable fatty matter.	Mar. 1	Mar. 25	R-106	384
885276	Sept. 3, 1907	Art of etching	Feb. 28	Mar. 25	S-106	344
867048	Sept. 24, 1907	Sterlizing apparatus	Mar. 1	Mar. 24	Z-106	209
870985	Nov. 12, 1907	Carbon electrode for galvanic elements.	Feb. 27	Mar. 25	P-106	373
871824	Nov. 19, 1907	Process of and apparatus for manufacturing artificial stone.	Mar. 1	Mar. 25	K-106	388
876466	Jan. 14, 1908	Method of preparing and storing concrete.	Mar. 1	Mar. 24	W-106	399
877114	Jan. 21, 1908	Method of obtaining oxid fumes from ores and furnace products.	Feb. 27	Mar. 25	H-106	373
880055	Feb. 25, 1908	Arc-light electrode containing metal within the same.	Feb. 1	Mar. 25	L-106	315
884026	Apr. 7, 1908	Blood compound of glycero-phosphate of lime and calcium.	Mar. 1	Mar. 24	P-106	334
891223	June 16, 1908	Process for manufacturing the filaments of electric incandescent lamps.	Mar. 21	Mar. 26	J-106	366
892898	July 7, 1908	Dyeing and bleaching apparatus	Mar. 1	Mar. 26	Z-106	303
894238	July 28, 1908	Accumulator electrode	Feb. 28	Mar. 25	H-106	389
895197	Aug. 4, 1908	Manufacture of plastic compositions.	Mar. 1	Mar. 25	V-106	364
896705	Aug. 25, 1908	Process for hardening tantalum	Apr. 8	Apr. 9	V-106	482
900597	Oct. 6, 1908	Process for producing an electrolytic deposit of metallic chromium.	Mar. 1	Mar. 25	F-106	372
901177	Oct. 13, 1908	Radioactive composition	Mar. 1	Mar. 24	Q-106	321
902093	Oct. 27, 1908	Process of separating cellulose esters from solutions.	Mar. 1	Mar. 25	P-106	364
904147	Nov. 17, 1908	Manufacture of sulfuric acid	Feb. 26	Mar. 25	H-106	384
906918	Dec. 15, 1908	Process of making neutral oxychinolin salts.	Mar. 1	Mar. 25	S-106	329
908140	Dec. 29, 1908	Explosive	Apr. 19	June 6	A-108	178
			Mar. 1	Mar. 21	H-106	291
909309	Jan. 12, 1909	Apparatus for generating ozone	Mar. 1	Mar. 24	G-106	326
910146	Jan. 19, 1909	Process of purifying pine oil, pine-tar oil, and wood-tar oil	Feb. 27	Mar. 25	H-106	379
910468	Jan. 19, 1909	Process for producing textile fibers from reeds and the like.	Mar. 1	Mar. 22	S-106	271
912351	Feb. 16, 1909	Process of charging lead peroxid zinc storage batteries.	Mar. 1	Mar. 22	P-106	304
913762	Mar. 2, 1909	Process of manufacturing baking powder.	Feb. 26	Mar. 25	H-106	377
915657	Mar. 16, 1909	Incandescent body for electric glow lamps.	Mar. 21	Mar. 26	J-106	366
915980	Mar. 23, 1909	Process for regenerating electric accumulators.	Mar. 1	Mar. 21	W-106	347
917159	Apr. 6, 1909	Filaments for electric incandescent lamps.	Mar. 1	Mar. 25	R-106	366
918503	Apr. 20, 1909	Making double-walled vacuum vessels.	Feb. 28	Mar. 22	G-106	299
923136	June 1, 1909	Making double-walled vacuum vessels.	Feb. 28	Mar. 22	G-106	299
925988	June 22, 1909	Process of hardening tantalum	Apr. 8	Apr. 9	V-106	482
929383	July 27, 1909	Process of the manufacture of a di infectant.	Mar. 1	Mar. 22	G-106	288
929913	Aug. 3, 1909	Printing medium	Mar. 1	Mar. 24	Z-106	181
931916	Aug. 24, 1909	Hearth furnace	Mar. 1	Mar. 22	Z-106	151
934400	Sept. 14, 1909	Separating and concentrating chlorin.	Mar. 1	Mar. 24	S-106	300
934965	Sept. 21, 1909	Art of making sugar	Feb. 28	Mar. 24	L-106	290
935900	Oct. 5, 1909	Process of treating zinc	Mar. 1	Mar. 21	K-106	278
936472	Oct. 12, 1909	Mechanical arrangement for electroplating objects.	Feb. 18	Mar. 25	L-106	305
937730	Oct. 19, 1909	Battery electrode	Feb. 28	Mar. 24	Z-106	236
940111	Nov. 16, 1909	Flux for use in soldering	Mar. 1	Mar. 22	Y-106	203
940181	Nov. 16, 1909	Process for treating tobacco, etc	Mar. 1	Mar. 24	Z-106	218
942704	Dec. 7, 1909	Method of securing metal contacts to carbon electrodes.	Feb. 28	Mar. 22	S-106	249
943578	Dec. 14, 1909	Digitalis extract	Mar. 1	Mar. 24	U-106	267

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			1919.	1919.		
944444	Dec. 28, 1909	Regenerative furnace	Mar. 1	Mar. 21	G-106	262
947399	Jan. 25, 1910	Process for the preparation of zinc oxid for reduction.	Feb. 27	Mar. 25	H-106	373
948740	Feb. 8, 1910	Process for obtaining zinc from zinciferous materials.	Feb. 27	Mar. 25	H-106	373
949153	Feb. 15, 1910	Metallic-filament incandescent lamp.	Mar. 1	Mar. 24	W-106	403
951778	Mar. 8, 1910	Treatment of coal gas and analogous for obtaining tar and ammonia.	Mar. 1	Mar. 24	U-106	220
952278	Mar. 15, 1910	Process of preparing mineral fertilizers.	Feb. 28	Mar. 21	Q-106	272
952723	Mar. 22, 1910	Regenerator	Mar. 1	Mar. 22	S-106	246
959605	May 31, 1910	Stable composition containing hydrogen peroxid.	Feb. 27	Mar. 22	T-106	209
961048	June 7, 1910	Anthraquinone-di-acridones	Mar. 21	Mar. 26	Z-106	277
961696	June 14, 1910	Process for the manufacture of soles.	Mar. 1	Mar. 24	T-106	288
962173	June 21, 1910	Process of treating brittle vegetable fibers.	Mar. 21	Mar. 26	Z-106	298
963852	July 12, 1910	Galvanic battery	Feb. 28	Mar. 22	S-106	249
965016	July 19, 1910	Process for producing sodium peroxid compositions for washing and bleaching purposes.	Mar. 1	Mar. 21	Z-106	146
965147	July 19, 1910	Extraction of tar and tar constituents from gases.	Mar. 1	Mar. 24	U-106	220
965170	July 26, 1910	Process of condensing reduction products of acenaphthenequinone.	Mar. 21	Mar. 26	T-106	356
967272	Aug. 16, 1910	Process of purifying waste mercerization dyes.	Feb. 26	Mar. 25	L-106	313
968175	Aug. 23, 1910	Roller cover casting machine	Mar. 1	Mar. 24	I-106	335
969906	Sept. 13, 1910	Ammonia saturator	Mar. 1	Mar. 21	Z-106	138
970215	Sept. 13, 1910	Preparation impermeable for Roentgen rays.	Mar. 1	Mar. 24	S-106	306
973883	Oct. 25, 1910	Production of incandescent electric lamp filaments.	Feb. 28	Mar. 24	G-106	330
974016	Oct. 25, 1910	Hollow carbon electrode for galvanic elements.	Feb. 28	Mar. 22	S-106	249
974138	Nov. 1, 1910	Method of facilitating and accelerating the hardening of hydraulic cements.	Mar. 1	Mar. 24	Y-106	273
977312	Nov. 29, 1910	Fumigator	Mar. 1	Mar. 24	V-106	328
978644	Dec. 13, 1910	Automatic liquid testing apparatus.	Mar. 1	Mar. 22	W-106	362
982162	Jan. 17, 1911	Fungicide	Mar. 1	Mar. 25	Y-106	321
983303	Feb. 7, 1911	Electric furnace	Mar. 1	Mar. 24	K-106	351
987318	Mar. 21, 1911	Manufacture of thin electrolytic iron plates of large area.	Feb. 18	Mar. 25	L-106	305
989189	Apr. 11, 1911	Process of making diabetic bread	Feb. 26	Mar. 25	L-106	307
990661	Apr. 25, 1911	Method of regenerating storage bread.	Mar. 1	Mar. 21	W-106	347
992265	May 16, 1911	Process of preserving hydrogen peroxid solution.	Mar. 1	Mar. 25	R-106	367
994435	June 6, 1911	Process for making ammonium sulfate and sulfite.	Mar. 22	Mar. 26	V-106	405
994646	June 6, 1911	Process of purifying raw juices in the sugar manufacture.	Mar. 1	Mar. 24	H-106	353
994824	June 13, 1911	Disinfecting apparatus	Mar. 1 Mar. 1	Mar. 22 Mar. 26	Z-106 L-106	154 323
996205	June 27, 1911	Method of deodorizing exhaust-gases from internal-combustion engines.	Feb. 28	Mar. 24	X-106	357
999439	Aug. 1, 1911	Vat-dyeing coloring matter	Mar. 1	Mar. 24	Q-106	316
1001222	Aug. 22, 1911	Process for manufacturing coal of high activity.	Mar. 1	Mar. 25	W-106	429
1003161	Sept. 12, 1911	Plaster bandage	Mar. 1	Mar. 25	V-106	371
1005142	Oct. 17, 1911	Process of treating brittle vegetable fibers of kapok and other plants.	Mar. 21	Mar. 26	Z-106	298
1006389	Oct. 17, 1911	Electrolytic manufacture of difficulty soluble salts of heavy metals.	Mar. 1	Mar. 21	W-106	347

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1006539	Oct. 24, 1911	Process and product for use in unliming hides and the like.	Mar. 1	Mar. 22	J-106	252
1007531	Oct. 31, 1911	Process for manufacturing crude-oil soap.	Mar. 1	Mar. 24	Z-106	186
1011559	Dec. 12, 1911	Carbon electrode for galvanic elements.	Feb. 28	Mar. 22	S-106	248
1013334	Jan. 2, 1912	Superphospahte chamber and means for emptying same.	Mar. 1	Mar. 22	V-106	304
1014333	Jan. 9, 1912	Machines for cleaning muffles or zinc furnaces.	Mar. 1	Mar. 21	U-106	162
1016804	Feb. 6, 1912	Manufacture of metallic filaments for incandescent lighting.	Mar. 1	Mar. 25	K-106	395
1018624	Feb. 27, 1912	Process of preserving poles, etc	Mar. 1	Mar. 24	Y-106	291
1019576	Mar. 5, 1912	Hair dye	Mar. 21	Mar. 26	V-106	406
1020117	Mar. 12, 1912	Process for imparting luster to yarns, fabric, and the like.	Mar. 1	Mar. 22	Y-106	237
1021229	Mar. 26, 1912	Apparatus for measuring the viscosity of liquids.	Mar. 1	Mar. 21	I-106	249
1022276	Apr. 2, 1912	Primary battery	Mar. 1	Mar. 21	G-106	286
1022602	Apr. 9, 1912	Apparatus for regenerating air	Mar. 1	Mar. 21	H-106	289
1024203	Apr. 23, 1912	Process of inlaying metal in masses such as celluloid, ebonite, and the like.	Mar. 1	Mar. 24	K-106	350
1027754	May 28, 1912	Method of making filters	Feb. 26	Mar. 25	H-106	374
1030171	June 18, 1912	Process of testing the freshness of milk.	Mar. 1	Mar 24	U-106	219
1034853	Aug. 6, 1912	Azo dyes for lakes	Mar. 21	Mar. 26	Y-106	358
1038950	Sept. 17, 1912	Process of manufacturing vulcanized froth.	Feb. 26	Mar. 25	J-106	319
[1]13667	Dec. 30, 1913		Mar. 1	Mar. 25	K-106	388
1039413	Sept. 24, 1912	Manufacture of plates from fibrous substances like asbestos and hydraulic binding substances.	Mar. 22 Feb. 1	Mar. 26 Mar. 21	W-106 G-106	446 263
1039706	Oct. 1, 1912	Method of and apparatus for agglomerating fine ores, metalliferous residues.	Mar. 1	Mar. 24	Z-106	188
1041510	Oct. 15, 1912	Process of producing fast brown resists on vegetable fibers.	Feb. 26	Mar. 25	J-106	323
1042057	Oct. 22, 1912	Process of making bodies of sulfuring casks and the like.	Mar. 1	Mar. 25	J-106	340
1043291	Nov. 5, 1912	Process for the extraction of copper and nickel, particularly from low-grade ores and products.	Mar. 1	Mar. 22	X-106	325
1044840	Nov. 19, 1912	Antiseptic	Mar. 1	Mar. 24	W-106	428
1048581	Dec. 31, 1912	Carbon electrode for electric furnaces.	Feb. 26	Mar. 25	V-106	361
1051124	Jan. 21, 1913	Treatment of waste flax for obtaining a product adapted to be spun like carded wool yarn.	Mar. 1	Mar. 24	S-106	311
1051261	Jan. 21, 1913	Electric storage battery plate	Mar. 1	Mar. 25	W-106	435
1052065	Feb. 4, 1913	Method of regenerating electric glow lamps.	Mar. 1	Mar. 24	G-106	321
1054141	Feb. 25, 1913	Purifying sulfite cellulose lye	Feb. 28	Mar. 25	J-106	325
1058459	Apr. 8, 1913	Process of treating textile fabrics	Feb. 26	Mar. 25	L-106	313
1061183	May 6, 1913	Baking powder	Mar. 1	Mar. 22	R-106	300
1061494	May 13, 1913	Method of increasing the fermentation property of yeast.	Feb. 28	Mar. 21	Q-106	273
1069980	Aug. 12, 1913	Apparatus for vaporizing medicaments.	Feb. 1	Mar. 21	T-106	220
1074708	Oct. 7, 1913	Process of making lactic acid	Mar. 1	Mar. 24	V-106	323
1076657	Oct. 21, 1913	Manufacturing slag products	Mar. 1	Mar. 25	U-106	283
1079756	Nov. 25, 1913	Process of toning photographic silver pictures.	Mar. 1	Mar. 26	J-106	344
1082035	Dec. 23, 1913	Process of manufacturing a waterproof mortar.	Feb. 26	Mar. 25	P-106	371
1082530	Dec. 30, 1913	Apparatus for manufacturing mercury bichlorid.	Mar. 1	Mar. 26	U-106	314
1082707	Dec. 30, 1913	Manufacture of solid fatty substances from oil.	Mar. 1	Mar. 24	J-106	314

[1]Reissue

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1083489	Jan. 6, 1914	Sulfur dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	482
1083934	Jan. 13, 1914	Hemoglobinometer	Mar. 1	Mar. 21	W-106	340
1084346	Jan. 13, 1914	Mercuric chlorid and process of producing same.	Feb. 26	Mar. 25	U-106	278
1085675	Feb. 3, 1914	Metallurgical treatment of silver ores.	Mar. 22	Apr. 9	Z-106	361
1087157	Feb. 17, 1914	Colored compounds of the selenonain series and process of making the same.	Apr. 2	Apr. 9	N-106	482
1089346	Mar. 3, 1914	Process of manufacturing filtering material.	Feb. 26	Mar. 25	K-106	279
1091080	Mar. 24, 1914	Filter plate	Feb. 26	Mar. 22	T-106	263
1091881	Mar. 31, 1914	Arseno-metal preparations and process of making same.	Apr. 2	Apr. 9	N-106	483
1092332	Apr. 7, 1914	Regenerator	Feb. 28	Mar. 22	G-106	294
1094477	Apr. 28, 1914	Process of making sound damping intermediate layers.	Mar. 1	Mar. 25	T-106	328
1094483	Apr. 28, 1914	Mode of preparing finely divided or colloid indigo dyestuffs.	Apr. 2	Apr. 9	N-106	483
1095237	May 5, 1914	Leuco-alkali preparations of sulfur dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	482
1099811	June 9, 1914	Testing and controlling device for producers of inert gases.	Mar. 1	Mar. 24	W-106	403
1099761	June 9, 1914	Process for the formation of diaryl ethers.	Mar. 1	Mar. 25	S-106	329
1100944	June 23, 1914	Adhesive plaster	Mar. 1	Mar. 22	S-106	243
1101111	June 23, 1914	Process of making arylamids of 2.3 oxynaphthoic acid.	Mar. 21	Mar. 26	Y-106	358
1101115	June 23, 1914	Extraction of copper and nickel, particularly from low-grade ores and products.	Mar. 1	Mar. 22	X-106	238
1101823	June 30, 1914	Process for producing smooth, glossy or glazed coating on cement goods.	Mar. 1	Mar. 25	T-106	343
1104906	July 28, 1914	Treatment of oils	Mar. 22	Mar. 26	P-106	394
1105739	Aug. 4, 1914	Stable mixture containing perborates.	Feb. 27	Mar. 22	T-106	269
1105902	Aug. 4, 1914	Process of manufacturing stannic chlorid from materials containing oxid of tin.	Mar. 1	Mar. 24	S-106	350
1106435	Aug. 11, 1914	Process for the production of acid chlorids of the oxyacids.	Mar. 1	Mar. 26	W-106	452
1108154	Aug. 25, 1914	Arsenostibino compounds and process of making same.	Apr. 2	Apr. 9	N-106	483
1111821	Sept. 29, 1914	Arsenic-antimony compound and process of making same.	Apr. 2	Apr. 9	N-106	483
1113608	Nov. 3, 1914	Double salts of gold hydrocyanic acids and process of making same.	Apr. 2	Apr. 9	N-106	482
1113609	Nov. 3, 1914	Dicantharidylethylene - diaminomonaurocyanic and process of making same.	Apr. 2	Apr. 9	N-106	482
1113610	Nov. 3, 1914	Salts of the aurothiosulfuric acid and process of making same.	Apr. 2	Apr. 9	N-106	483
1115887	Nov. 3, 1914	Process of extinguishing fires	Feb. 26	Mar. 25	T-106	313
1116398	Nov. 10, 1914	Dihydrochlorid of diaminodioxyarsenobenzene.	Mar. 21	Mar. 26	T-106	357
1117125	Nov. 10, 1914	Reagent	Mar. 1	Mar. 22	Y-106	207
1117240	Nov. 17, 1914	Method of insulating wire of aluminum and the like.	Mar. 1	Mar. 25	K-106	281
1117332	Nov. 17, 1914	Alkali metal salts of 3.3' diamino-4.4' hoxyarsenobenzene combined with copper and process of making same.	Apr. 2	Apr. 9	N-106	483
1119534	Dec. 1, 1914	Method for the preparation of ammonia from the elements.	Mar. 1	Mar. 22	Y-106	248
1120700	Dec. 15, 1914	Arseno-azo compounds and process of making same.	Apr. 2	Apr. 9	N-106	483

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				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1121004	Dec. 15, 1914	Scratcher or scraper for stirring apparatus in sulfate furnaces.	Apr. 2	Apr. 9	N-106	483
1121099	Dec. 15, 1914	Process for rendering peat, wood waste, and other vegetable substances suitable for the manufacture of paper pulp.	Mar. 1	Mar. 24	W-106	385
1121490	Dec. 15, 1914	Process of producing alumino-silicates.	Apr. 9	Apr. 8	U-106	381
1122379	Dec. 29, 1914	Process for the preparation of a vaccine.	Mar. 1	Mar. 22	Y-106	223
1123263	Jan. 5, 1915	Process of producing dyeings on cotton.	Apr. 2	Apr. 9	N-106	483
1123390	Jan. 5, 1915	Vat dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	483
1123430	Jan. 5, 1915	Red wood dyestuffs	Apr. 2	Apr. 9	N-106	483
1123842	Jan. 5, 1915	Depolarizer for galvanic cells				
1125311	Jan. 19, 1915	Acylated naphthlamin sulfonic acids and process of making same.	Apr. 2	Apr. 9	N-106	483
1126211	Jan. 26, 1915	Process and means for securing metallic coats on ceramic surfaces.	Mar. 1	Mar. 22	X-106	338
1127025	Feb. 2, 1915	Process for producing perforated tubular electrodes for accumulators.	Mar. 1	Mar. 24	H-106	355
1127603	Feb. 9, 1915	Alkali salts of the 3.3' diamino-4.4' dioxyarsenobenzene combined with silver and process of making same.	Apr. 2	Apr. 9	N-106	483
1128368	Feb. 16, 1915	Vat dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	483
1128369	Feb. 16, 1915	Carbazol-sulfonic acids and process of making same.	Apr. 2	Apr. 9	N-106	483
1128370	Feb. 16, 1915	Indophenolsulfonic acids and process of making same.	Apr. 2	Apr. 9	N-106	483
1128371	Feb. 16, 1915	Sulfur dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	483
1132482	Mar. 16, 1915	Apparatus for conveying liquid fuel.	Mar. 1	Mar. 24	W-106	408
1132880	Mar. 23, 1915	Balance	Feb. 28	Mar. 26	S-106	362
1133792	Apr. 13, 1915	Process for manufacturing explosives.	Feb. 28	Mar. 25	U-106	273
1136723	Apr. 20, 1915	Unexplosive preparation	Apr. 2	Apr. 9	N-106	483
1136724	Apr. 20, 1915	Nonexplosive preparations and process of making same.	Apr. 2	Apr. 9	N-106	483
1138670	May 11, 1915	Arylaminoanthraquinone dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	483
1139540	May 18, 1915	Arylaminoanthraquinone dyestuffs.	Apr. 2	Apr. 9	N-106	483
1139699	May 18, 1915	Mold for forming blocks of cork	Apr. 8	Apr. 9	N-106	493
1141148	June 1, 1915	Leuco compounds and process of making same.	Apr. 2	Apr. 9	N-106	483
1141510	June 1, 1915	Process of preparing solutions of cellulose.	Mar. 1	Mar. 25	U-106	296
1142619	June 8, 1915	Process of manufacturing artificial sponge.	Feb. 26	Mar. 26	L-106	348
1144053	June 22, 1915	Furnace for working up ores	Feb. 27	Mar. 25	H-106	373
1144054	June 22, 1915	Reduction furnace	Feb. 27	Mar. 25	H-106	373
1144193	June 22, 1915	Process of deodorizing waste gases	Mar. 1	Mar. 26	X-106	441
1145846	July 6, 1915	Process of producing melange-like dyed yarns, hosiery and weavings.	Feb. 27	Mar. 25	H-106	380
1145934	July 13, 1915	Finely divided vat dyestuffs and process of making same.	Apr. 8	Apr. 9	Q-106	451
1149231	Aug. 10, 1915	Yellow chrome mordant dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	483
1150414	Aug. 17, 1915	Process of producing combination printing plates for printing combined half-tone and printed type or line work.	Mar. 1	Mar. 26	Y-106	322
1151628	Aug. 31, 1915	Vat dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	483

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			1919.	1919.		
1151928	Aug. 31, 1915	Process of preparing acetaldehyde from acetylene.	Feb. 26	Apr. 9	L-106	419
[1]14063	Feb. 15, 1916		Feb. 26	Apr. 9	L-106	419
			Mar. —	Mar. 26	K-106	409
1151929	Aug. 31, 1915	Process of preparing acetaldehyde from acetylene.	Feb. 26	Apr. 9	L-106	419
[1]14064	Feb. 15, 1916		Feb. 26	Apr. 9	L-106	419
			Mar. —	Mar. 26	K-106	409
1153[illegible]0	Sept. 14, 1915	Diastase preparations and method of making same.	Feb. 26	Mar. 25	K-106	376
1153641	Sept. 14, 1915	Malt extract and method of making same.	Feb. 26	Mar. 25	K-106	376
1154826	Sept. 28, 1915	Red wool dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	482
1155486	Oct. 5, 1915	Apparatus for coking coal briquets.	Feb. 28	Mar. 22	I-106	294
1157253	Oct. 19, 1915	Process for manufacture of ammonia from its elements.	Feb. 26	Mar. 25	J-106	322
1159264	Nov. 2, 1915	Highly refractory material and process for making it.	Feb. 26	Mar. 25	L-106	302
1159865	Nov. 9, 1915	Apparatus for effecting reactions of hydrogen under pressure.	Feb. 26	Mar. 25	J-106	322
1160471	Nov. 16, 1915	Yellow dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	482
1161866	Nov. 30, 1915	Compounds of silver glycocholate readily soluble in water.	Apr. 2	Apr. 9	N-106	482
1161867	Nov. 30, 1915	Compound of silver glycocholate readily soluble in water and process of making same.	Apr. 2	Apr. 9	N-106	482
1162109	Nov. 30, 1915	Brownish yellow wool dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	482
1163603	Dec. 7, 1915	Art of converting molten slag into a highly-porous mass.	Mar. 1	Mar. 25	U-106	283
1166546	Jan. 4, 1916	Process of producing a liquid explosive	Mar. 1	Mar. 22	Y-106	248
1168752	Jan. 18, 1916	Process of manufacturing bi-metallic composite objects or bodies.	Feb. 28	Mar. 25	X-106	439
1175490	Mar. 14, 1916	Process for making coffee extract.	Mar. 1	Mar. 25	I-106	378
1175997	Mar. 21, 1916	Preparations from quinone vat dyestuffs.	Apr. 2	Apr. 9	N-106	482
1178941	Apr. 11, 1916	Preparation for infecting vermin with disease.	Mar. 1	Mar. 22	T-106	266
1180850	Apr. 25, 1916	Apparatus for mixing and pressing smokeless powder.	Mar. 1	Mar. 24	J-106	291
1181485	May 2, 1916	Oxyphenyl-quinolin-dicarboxylic acid and process of making same.	Apr. 2	Apr. 9	N-106	482
1187864	June 20, 1916	Apparatus for changing the positions of hanks of yarn on dyeing sticks.	Mar. 1	Mar. 24	X-106	403
1188421	June 27, 1916	Blue monoazo dyes and process of making same.	Apr. 2	Apr. 9	N-106	482
1189356	July 4, 1916	Electric furnace	Mar. 1	Mar. 24	Q-106	317
1191997	July 25, 1916	Mixtures of alkali salts of 4.4'dioxy-3.3'-diamino-arseno-benzene and process of making same.	Apr. 2	Apr. 9	N-106	482
1193566	Aug. 8, 1916	Compounds for use in the production of dyestuffs.	Mar. 21	Mar. 26	Y-106	358
1195040	Aug. 15, 1916	Product resembling celluloid and process for producing the same.	Mar. 1	Mar. 26	P-106	388
1196422	Aug. 29, 1916	Brown dyestuffs for dyeing wool	Apr. 2	Apr. 9	N-106	482
1197632	Sept. 12, 1916	Quinophthalonesulfonic acids containing halogen and process of making same.	Apr. 2	Apr. 9	N-106	482
1197633	Sept. 12, 1916	Process of producing yellow insoluble azo dyes on the fiber.	Apr. 2	Apr. 9	N-106	482
1201187	Oct. 10, 1916	Method of and machine for making colored patterned linoleum, oilcloth, linerusta, and the like.	Mar. 1	Mar. 24	Z-106	198
1205007	Nov. 14, 1916	Process of treating lignite	Mar. 1	Mar. 24	T-106	299
1205080	Nov. 14, 1916	Process of manufacturing filaments for incandescent electric lamps.	Mar. 1	Mar. 26	Y-106	334

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				Date of filing or recording[1].	Book.	Page.
			1919.	1919.		
1206232	Nov. 28, 1916	Azo dyestuffs and process of producing the same.	Mar. 21	Mar. 26	Y-106	358
1207284	Dec. 5, 1916	Auromercaptobenzenes and process of making same.	Apr. 2	Apr. 9	N-106	482
1209163	Dec. 19, 1916	Vat dyestuffs and process of making same.	Apr. 2	Apr. 9	N-106	482
1209465	Dec. 19, 1916	Apparatus for bleaching and rinsing mercerized fabrics and recovering the lye.	Mar. 1	Mar. 22	L-106	242
1210681	Jan. 2, 1917	Hydrogenizing olefinic terpene derivatives.	Feb. 28	Mar. 21	Q-106	304
1210982	Jan. 2, 1917	Process for the production of resin-like condensation products.	Feb. 27	Mar. 25	J-106	330
1211227	Jan. 2, 1917	Process for the manufacture of insoluble condensation products.	Feb. 27	Mar. 25	J-106	330
1214924	Feb. 6, 1917	Complex arseno compounds and process of making same.	Apr. 2	Apr. 9	N-106	482
1217238	Feb. 27, 1917	Dyes of the triphenylmethane series and process of making same.	Apr. 2	Apr. 9	N-106	482
1230185	June 19, 1917	1-iodo-2.3. - dihydroxypropane and process of making same.	Apr. 2	Apr. 9	N-106	482
1230600	June 19, 1917	Process for the manufacture of crystalline polymerisation products of formaldehyde.	Feb. 27	Mar. 25	J-106	330
1238147	Aug. 28, 1917	Process of making magnesia	Mar. 1	Mar. 24	Z-106	203
1239526	Sept. 11, 1917	Stable concentrated preparation for the indigo fermentation vats.	Apr. 2	Apr. 9	N-106	482
1240855	Sept. 25, 1917	Galvanic battery	Mar. 1	Mar. 25	X-106	429
1249514	Dec. 11, 1917	Apparatus for sterilizing surgical instruments and any other objects.	Mar. 1	Mar. 22	Y-106	252
1253534	Jan. 15, 1918	Process of producing nitrogen simultaneously with oxides of nitrogen.	Apr. 2	Apr. 9	N-106	482
1260656	Mar. 26, 1918	Manufacture of woodstuffs	Mar. 1	Mar. 22	S-106	257
1265370	May 7, 1918	Composition for preserving wood	Feb. 28	Mar. 21	Q-106	266
1269110	Jan. 11, 1918	Continuous process for recovering lead or zinc, or both metals from their ores or from slag in the form of metal fumes, whereby the charge is mixed with fuel.	Mar. 1	Mar. 25	R-106	359
1285603	Nov. 26, 1918	Process of manufacturing a water-softening reagent.	Feb. 28	Mar. 21	T-106	207
		Series 3.				
[1]13348	Dec. 15, 1914	Derivatives of diaminodioxary-zenobengene.	Mar. 22	May 26	R-106	392
1053300	Feb. 18, 1913	Dyestuffs of the triphenylmethane series and process of making same.	Feb. 26	Apr. 9	L-106	419
[1]13969	Aug. 24, 1915		Feb. 26	Apr. 9	L-106	419
1065405	June 24, 1913		Apr. 2	Apr. 9	N-106	482
680395	Aug. 13, 1901	Process of making indoxyl derivatives.	Mar. —	Mar. 26	K-106	409
682523	Sept. 10 1901	Blue dye and process of making same.	Mar. 22	Mar. 26	K-106	417
692775	Feb. 4, 1902	Cellulose lakes and process of making same.	Mar. 22	Mar. 26	V-106	394
693632	Feb. 18, 1902	Blue sulphur dye and process of making same.	Mar. 21	Mar. 26	P-106	379
693633	Feb. 18, 1902	Making blue sulphur dye	Mar. 21	Mar. 26	W-106	436
694109	Feb. 25, 1902	Apparatus for mercerizing	Mar. 21	Mar. 26	W-106	456
695533	Mar. 18, 1902	Sulfur dye and process of making same.	Mar. 21	Mar. 26	W-106	462
695534	Mar. 18, 1902	Sulfur dye and process of making same.	Mar. 21	Mar. 26	Y-106	327
701435	June 3, 1902	Brown violet sulphur dye and making same.	Mar. 21	Mar. 26	Y-106	327
			Mar. 21	Mar. 26	W-106	436
701523	June 3, 1902	Process of making alkyl ethers of cinchona-alkaloid carbonic acids	1918 Dec. 4	1918 Dec. 5	J-106	358
			Dec. 11	Dec. 11	J-105	473
					H-106	1

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No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
			1919.	1919.		
703105	June 24, 1902	Blue wool dye and making same	Mar. 21	Mar. 26	W-106	456
705838	July 29, 1902	Glycosuria antidote and process of producing same.	Feb. 26	Mar. 24	W-106	414
			Apr. 8	Apr. 9	V-106	488
709151	Sept. 16, 1902	Blue sulphur dye and making same.	Mar. 21	Mar. 26	W-106	458
709186	Sept. 16, 1902	Blue dye and process of making same.	Mar. 21	Mar. 26	W-106	458
709187	Sept. 16, 1902	Yellow acridin dye and making same.	Mar. 21	Mar. 26	W-106	458
709799	Sept. 23, 1902		Apr. 2	Apr. 9	Y-106	434
712707	Oct. 22, 1907	Method of impregnating wood, etc.				
711953	Oct. 28, 1902	Process of dyeing acid colors	Mar. 21	Mar. 26	W-106	456
712747	Nov. 4, 1902	Yellow sulphur dye and making same.	Mar. 21	Mar. 26	W-106	456
714542	Nov. 25, 1902	Orange-brown sulphur dye and process of making same.	Mar. 21	Mar. 26	W-106	458
718181	Jan. 13, 1903	Blue wool dye and making same	Mar. 21	Mar. 26	W-106	458
723154	Mar. 17, 1902	Sulphogene indigo-blue—valuable as covering product—process superceded by Swiss method.	Mar. 21	Mar. 26	W-106	458
742189	Oct. 27, 1903	Blue sulphur due and making same	Mar. 21	Mar. 26	W-106	456
749195	Jan. 12, 1904	Dark blue wool dye and making same.	Mar. 21	Mar. 26	W-106	456
759887	May 17, 1904	Process of manufacturing peroxids	Mar. 21	Mar. 26	X-106	450
			Feb. 26	Mar. 24	J-106	289
760110	May 17, 1904	Orange sulphur dye	Feb. 26	Apr. 9	L-106	410
			Mar.	Mar. 26	K-106	409
765006	July 12, 1904	Lens	Mar. 21	Mar. 26	X-106	443
768211	Aug. 23, 1904	Enamel for manufacturing patterned linoleum.	Mar. 21	Mar. 26	H-106	403
			1918	1918		
			Dec. 4	Dec. 5	I-105	436
770743	Sept. 27, 1904	Process of making dialkylbarbituric acids.	Dec. 11	Dec. 11	Q-105	473
			1919	1919		
			Mar. 21	Mar. 26	J-106	342
			1918	1918		
782740	Feb. 14, 1905	Dipropyl-barbituric acid. Analogous derivatives and process of making same.	Dec. 4	Dec. 5	I-105	436
			Dec. 11	Dec. 11	Q-105	473
			1919	1919		
			Mar. 21	Mar. 26	J-106	342
			1918	1918		
782741	Feb. 14, 1905	Disubstituted barbituric acid and process of making same.	Dec. 4	Dec. 5	I-105	436
			Dec. 11	Dec. 11	Q-105	473
			1919	1919		
			Mar. 21	Mar. 26	J-106	342
			1918	1918		
			Dec. 4	Dec. 5	I-105	436
782742	Feb. 14, 1905	Trisubstituted barbituric acids and process of making them.	Dec. 11	Dec. 11	Q-105	473
			1919	1919		
			Mar. 21	Mar. 26	J-106	342
799065	Sept. 12, 1905	Process of making varnish-gum	Feb. 28	Mar. 21	M-106	365
			Mar. 21	Mar. 26	W-106	451
802297	Oct. 17, 1905	Method of producing flames of high temperature.	Mar. 1	Mar. 24	S-106	316
807117	Dec. 12, 1905	Sulpho-acid and making same	Mar. 21	Mar. 26	W-105	456
807119	Dec. 12, 1905	Red azo dye and process of making same.	Mar. 21	Mar. 26	W-106	456
807300	Dec. 12, 1905	Method of manufacturing liquid lenses.	Mar. 22	Mar. 26	H-106	418
			Apr. 8	Apr. 9	M-106	484
807422	Dec. 12, 1905	Zinc azonaphthol dye and process of making same.	Mar. 1	Mar. 24	Q-106	316
			Mar. 21	Mar. 26	Y-106	327
811884	Feb. 6, 1906	Salicylic-acid methylene acetate and process of making same.	Mar. 21	Mar. 26	J-106	363
			Mar. 1	Mar. 23	L-106	311
813078	Feb. 20, 1906	Potash leaching apparatus	Mar. 1	Mar. 22	S-106	252
			Mar. 21	Mar. 26	H-106	402
813155	Feb. 20, 1906	Red azo dye and process of making same.	Mar. 21	Mar. 26	W-106	456
829042	Aug. 21, 1906	Process of preparing a mask for making briquets.	Mar. 21	Mar. 26	V-106	395

[1]Reissue.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page
			1919.	1919.		
820909	Sept. 11, 1906	Manufacture of glycerin nitrates	Mar. 21	Mar. 26	H-106	420
840611	Jan. 8, 1907	Solution of cellulose	Feb. 26	Mar. 24	Y-106	259
			Mar. 21	Mar. 26	K-106	406
841954	Jan. 22, 1907	Apparatus for manufacturing tubes and the like.	Mar. 1	Mar. 22	Y-106	229
846585	Mar. 12, 1907	Method of producing bronze printing.	Mar. 22	Mar. 26	P-106	392
849900	Apr. 9, 1907	Single cemented objective lens, also applicable as double objectives.	Mar. 22	Mar. 26	X-106	445
			Apr. 19	June 6	A-108	60
			Feb. 28	Mar. 24	V-106	325
851423	Apr. 23, 1907	Anthrachinone disulfonic acid	Feb. 28	Apr. 9	L-106	416
863397	Aug. 13, 1907	Anthraquinone compound and process of making same.	Feb. 3	Feb. 21	Y-106	133
			Mar. 22	Mar. 26	V-106	394
867141	Sept. 24, 1907	Emulsion of oil and the like	Mar. 21	Mar. 26	R-106	395
873798	Dec. 17, 1907	Red azo dye and process of making same.	Mar. 21	Mar. 26	W-106	456
879552	Feb. 18, 1908	Brown azo dye and process of making same.	Mar. 21	Mar. 26	W-106	456
880641	Mar. 3, 1908	Process of manufacture of artificial aromatic balsams.	Mar. 21	Mar. 26	K-106	414
			Feb. 25	Mar. 22	L-106	244
882481	Mar. 17, 1908	Process for the extraction of glue from mineral-dressed or chrome-tanned leather.	Mar. 21	Mar. 26	V-106	407
884919	Apr. 14, 1908	Process for making nitrogen oxids from air.	Mar. 1	Mar. 24	P-106	322
884920	Apr. 14, 1908	Process for making nitrogen oxids from the air.	Mar. 1	Mar. 24	P-106	322
886985	May 5, 1908	Red trisazo dye and process of making same.	Mar. 21	Mar. 26	W-106	456
888399	May 19, 1908	Artificial lumber	Mar. 1	Mar. 24	W-106	389
892166	June 30, 1908	Process of preparing printers' overlays and underlays.	Mar. 1	Mar. 24	L-106	266
892455	July 7, 1908	Yellow sulphur dye and making same.	Mar. 21	Mar. 26	W-106	456
893385	July 14, 1908	Clay press or mixer	Mar. 21	Mar. 26	S-106	368
896807	Aug. 25, 1908	Agar-agar-cascara product and process of making same.	Mar. 1	Mar. 24	Z-106	194
898980	Sept. 15, 1908	Process for the fractional condensation of vapors.	Mar. 1	Mar. 24	U-106	252
903284	Nov. 10, 1908	Orange or brown dye and process of making same.	Mar. 21	Mar. 26	W-106	456
904269	Nov. 17, 1908	Producing glossy or silky effects on fabrics and other material.	Mar. 21	Mar. 26	P-106	397
904752	Nov. 24, 1908	Manufacture of multi-colored fabrics.	Mar. 21	Mar. 26	W-106	456
904809	Nov. 24, 1908	Yellow olive dye and making same	Mar. 21	Mar. 26	W-106	456
912182	Feb. 9, 1909	Red cotton dye and making same	Mar. 21	Mar. 26	W-106	456
918680	Mar. 16, 1909	Process for the manufacture of amids of higher fatty acids.	Mar. 21	Mar. 26	R-106	395
919572	Apr. 27, 1909	Blue sulphur dye and making same	Mar. 21	Mar. 26	W-106	456
920156	May 4, 1909	Brominated indigo sulphid and process of making same.	Mar. 21	Mar. 26	W-106	456
922995	May 25, 1909	Salicylic-acid derivative and process of making same.	Mar. 22	Mar. 26	P-106	377
			Feb. 25	Mar. 22	Y-106	199
			Mar. 1	Mar. 24	V-106	332
924664	June 15, 1909	Sewage-treatment apparatus	Mar. 22	Mar. 26	V-106	393
925812	June 22, 1909	Refining of steel in electric	Feb. 28	Mar. 21	K-106	289
			Mar. 21	Mar. 26	J-106	357
926069	June 22, 1909	Process of treating metallic filaments for electric incandescent lamps.	Mar. 21	Mar. 26	H-106	411
			Mar. 1	Mar. 24	W-106	403
934832	Sept. 21, 1909	Temperature regulator	Mar. 22	Mar. 26	S-106	361
941399	Nov. 30, 1909	Dyeing wool	Mar. 21	Mar. 26	W-106	456
943105	Dec. 14, 1909	Teleobjective	Mar. 21	Mar. 26	J-106	389
943183	Dec. 14, 1909	Agar-agar-cascara product	Mar. 1	Mar. 24	Z-106	194
945559	Jan. 4, 1910	Process of producing solutions for spinning artificial threads and the like.	Mar. 21	Mar. 26	P-106	389

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			1919.	1919.		
948204	Feb. 1, 1910	Indanthrene monosulfonic acid and process of making same.	Feb. 3	Feb. 21	Y-106	133
			Mar. 22	Mar. 26	V-106	394
956348	Apr. 26, 1910	Blue vat dye and process of making same.	Mar. 21	Mar. 26	W-106	456
957196	May 10, 1910	Method of making paper and similar material pliable.	Feb. 26	Mar. 24	Q-106	303
			Mar. 21	Mar. 26	K-106	413
			Mar. 21	Mar. 26	Z-106	272
960671	June 7, 1910	Process of making indoxyl, etc.	Feb. 24	Mar. 21	Y-106	193
960788	June 7, 1910	Process for manufacturing carbonic acid.	Mar. 21	Mar. 26	H-106	404
960919	June 7, 1910	Blue sulfid colors and process of making same.	Mar. 21	Mar. 26	W-106	456
960975	June 7, 1910	Process of fixing sulfid colors	Mar. 21	Mar. 26	W-106	456
961241	June 14, 1910	Dyeing acetyl cellulose	Mar. 21	Mar. 26	W-106	449
			Feb. 26	Mar. 24	R-106	321
966092	Aug. 2, 1910	Indo-phenolic compound and process of making same.	Mar. 21	Mar. 26	W-106	456
976580	Nov. 22, 1910	Apparatus for quenching incandescent materials.	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
978889	Dec. 10, 1910	Treating sewage	Mar. 1	Mar. 24	Y-106	332
			Mar. 22	Mar. 26	V-106	393
979966	Dec. 27, 1910	Process of dyeing acetyl-cellulose	Mar. 21	Mar. 26	W-106	449
			Feb. 26	Mar. 24	R-106	321
980261	Jan. 3, 1911	Door for gas-producing furnaces and the like.	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
981574	Jan. 10, 1911	Treatment of acetyl cellulose to enhance its elasticity and its power of absorption for dyestuffs.	Mar. 21	Mar. 26	W-106	449
			Feb. 26	Mar. 24	R-106	321
983569	Feb. 7, 1911	Supplementary optical instrument	Mar. 21	Mar. 26	J-106	396
984972	Feb. 21, 1911	Barometer	Mar. 21	Mar. 28	S-106	371
			Feb. 28	Mar. 24	X-106	407
986642	Mar. 14, 1911	Optical reversing system	Mar. 21	Mar. 26	H-106	417
			Apr. 19	June 6	A-108	113
992492	May 16, 1911	Coke-oven door	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
995383	June 13, 1911	Acid ferric arsen-tartrate	Mar. 21	Mar. 26	Z-106	294
996487	June 27, 1911	Process of making acid dyes of the anthracene series.	Feb. 28	Mar. 24	V-106	325
			Feb. 28	Apr. 9	L-108	418
999230	Aug. 1, 1911	Azo dye	Mar. 21	Mar. 26	W-106	456
999798	Aug. 8, 1911	Vat dye and process of making same	Mar. 21	Mar. 26	W-106	456
1002408	Sept. 5, 1911	Art of dyeing acetyl cellulose	Mar. 21	Mar. 26	W-106	449
			Feb. 26	Mar. 24	R-106	321
1003875	Sept. 19, 1911	Process of making granular sodium bichromate.	Feb. 28	Mar. 24	V-106	325
			Feb. 28	Apr. 9	L-108	418
1005011	Oct. 3, 1911	Cleaning device for gas-collecting mains.	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1005176	Oct. 10, 1911	3.6-Diaminoacridinium and its salts	Mar. 21	Mar. 26	W-106	456
1007439	Oct. 31, 1911	Device for quenching coke	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1008336	Nov. 14, 1911	Composition of matter	Mar. 1	Mar. 24	L-106	278
1008847	Nov. 14, 1911	Process of making sulfuric dioxid	Feb. 28	Mar. 24	V-106	325
			Feb. 28	Apr. 9	L-108	418
1008864	Nov. 14, 1911	Impregnation of wood, etc.	Apr. 2	Apr. 9	Y-108	434
1012207	Dec. 19, 1911	Process of impregnating timber	Mar. 21	Mar. 26	W-106	453
1013603	Jan. 2, 1912	Process of treating clay, kaolin, and ceramic masses.	Feb. 28	Mar. 21	G-106	256
			Mar. 21	Mar. 26	U-106	318
1016369	Feb. 6, 1912	Collective system	Mar. 21	Mar. 26	J-106	389
1017142	Feb. 13, 1912	Hoisting device for oven doors	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1020756	Mar. 19, 1912	New cotton dyestuffs and making same.	Mar. 21	Mar. 26	W-106	456
1024128	Apr. 23, 1912	Gas producing oven	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1024864	Apr. 30, 1912	Impregnation of wood	Feb. 28	Mar. 22	T-106	264
1027845	May 28, 1912	Coke oven	Feb. 28	Mar. 24	U-106	223
			Apr. 22	Apr. 22	Q-107	34
1027968	May 28, 1912	Art of preparing iron-albuminois compounds containing phosphorus.	Feb. 21	Mar. 26	Y-106	357

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			1919.	1919.		
1028569	June 4, 1912	Vertical coke oven	Apr. 8	Apr. 9	L-106	417
			Apr. 22	Apr. 22	Q-107	34
1029066	June 11, 1912	Dyeing vegetable fibers with halogenated indigo and indigoid dyestuffs.	Mar. 21	Mar. 26	W-106	456
1031832	July 9, 1912	Machine for cleaning and sorting clay or the like.	Mar. 22	Mar. 26	Y-106	326
1032129	July 9, 1912	Reversing mechanism in ovens of the regenerative type.	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1034709	Aug. 6, 1912	Horizontal coke oven of the regenerative type.	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1035882	Aug. 20, 1912	Process of purifying waste mercerization lyes.	Mar. 21	Mar. 26	W-106	450
			Feb. 26	Mar. 25	L-106	313
1038887	Sept. 17, 1912	Air-blast heater	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1039270	Sept. 24, 1912	Regenerative gas-producing oven	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1041457	Oct. 15, 1912	Regenerative coke oven	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1043016	Oct. 29, 1912	Dyeing of cotton or linen cloths with vat colors.	Mar. 21	Mar. 26	W-106	456
1047635	Dec. 17, 1912	Horizontal coke oven	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1053396	Feb. 18, 1913	Sewage purification	Mar. 1	Mar. 24	V-106	332
			Mar. 22	Mar. 26	V-106	393
1055287	Mar. 4, 1913	Yellow vat dye	Mar. 21	Mar. 26	W-106	456
1056080	Mar. 18, 1913	Process of producing dyeings on cotton.	Feb. 26	Apr. 9	L-106	419
			Mar. —	Mar. 26	K-106	409
1056548	Mar. 18, 1913	Process of drying sludge	Mar. 1	Mar. 24	V-106	332
			Mar. 22	Mar. 26	V-106	393
1057154	Mar. 25, 1913	Settling tank	Mar. 1	Mar. 24	V-106	332
			Mar. 22	Mar. 26	V-106	393
1058744	Apr. 15, 1913	Upright-chamber oven	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1060837	May 6, 1913	Gas-producing oven	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1062983	May 27, 1913	Gasometer	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1066296	Aug. 5, 1913	Derivatives of phenylcinchoninic acid.	Mar. 22	Mar. 26	S-106	373
1072223	Sept. 2, 1913	Chamber oven	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1073789	Sept. 24, 1913	Photographic objective	Mar. 21	Mar. 26	J-106	369
1078125	Nov. 11, 1913	Cellular drying apparatus	Mar. 1	Mar. 24	X-106	370
1079003	Nov. 18, 1913	Chamber oven	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1079415	Nov. 25, 1913	Diazo dyes	Mar. 21	Mar. 26	W-106	456
1079764	Nov. 25, 1913	Air-blast heater	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1087261	Feb. 17, 1914	Process of making isoprene	Mar. 21	Mar. 26	W-106	463
1089775	Mar. 10, 1914	Decolorizing glycerin	Feb. 3	Feb. 21	Y-106	134
			Mar. 1	Mar. 22	G-106	287
1094182	Apr. 21, 1914	Process of producing oxids of nitrogen.	Feb. 3	Feb. 21	Y-106	133
			Mar. 1	Mar. 22	G-106	287
1095725	May 5, 1914	Device for emptying upright coking chambers.	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1099378	June 9, 1914	Method of subjecting lacquered leather and the like to the light treatment.	Mar. 21	Mar. 26	U-106	307
1100877	June 23, 1914	Fast yellow sulfid dyestuffs	Mar. 21	Mar. 26	W-106	456
1102131	June 30, 1914	Apparatus for producing distilled water.	Mar. 22	Mar. 26	Y-106	323
1103004	July 7, 1914	Red vat dyestuffs and making same	Mar. 21	Mar. 26	W-106	456
1103482	July 14, 1914	Alloy for welding copper and nickel	Feb. 25	Mar. 22	I-106	275
			Mar. 21	Mar. 26	I-106	389
1106956	Aug. 11, 1914	Device for the fine adjustment of microscope.	Mar. 21	Mar. 26	J-106	369
1107164	Aug. 11, 1914	Producing fast dyeings on the fiber.	Mar. 21	Mar. 26	W-106	456

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			1919.	1919.		
1107199	Aug. 11, 1914	Process for clarifying and sterilizing water.	Feb. 28	Mar. 24	I-106	352
1109362	Sept. 1, 1914	Method and apparatus for annealing or cementing various articles.	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1115776	Nov. 3, 1914	Producing hydrogen	Feb. 3	Feb. 21	Y-106	133
			Mar. 1	Mar. 22	G-106	287
1118878	Nov. 24, 1914	Coating flexible objects of organic origin with metal.	Mar. 28	Mar. 26	W-106	459
1128472	Feb. 16, 1915	Process for the suppression of dust during the working of Panama bark.	Mar. 26	Mar. 26	H-106	412
1128966	Feb. 16, 1915	Process of making peroxid of hydrogen.	Mar. 21	Mar. 26	V-106	399
			Feb. 26	Mar. 24	Z-106	233
1129574	Feb. 23, 1915	Vat dyes	Mar. 21	Mar. 26	W-106	456
1129575	Feb. 23, 1915	Vat dyes and process of making same.	Mar. 21	Mar. 26	W-106	456
1133446	Mar. 30, 1915	Process for manufacturing a substance for purifying waste water and for draining sludge.	Mar. 21	Mar. 26	W-106	461
1134416	Apr. 6, 1915	Process of making hydrogen	Mar. 22	Mar. 26	L-106	344
1135043	Apr. 13, 1915	Process of obtaining prints on fabrics.	Mar. 21	Mar. 26	L-106	339
1136519	Apr. 20, 1915	Muffle for the distillation of zinc	Mar. 22	Mar. 26	K-106	412
1137467	Apr. 27, 1915	Manufacture of cinnabar	Feb. 26	Mar. 22	R-106	288
			Mar. 21	Mar. 26	K-106	407
1137671	Apr. 27, 1915	Drying of patent-leather	Mar. 21	Mar. 26	S-106	372
1137681	Apr. 27, 1915	Process of refining steel and producing high-phosphorous slag.	Feb. 22	Mar. 26	J-106	365
1138916	May 11, 1915	Method for facilitating the separation of nitroglycerin.	Mar. 21	Mar. 26	V-106	402
1139031	May 11, 1915	Manufacture of artificial milk	Mar. 1	Mar. 24	Q-106	342
1141266	June 1, 1915	Improvement in absorption and reaction tower for acids, etc.	Feb. 28	Apr. 9	Y-106	435
1142153	June 8, 1915	Manufacture, isolation, and enrichment of radio-active substances by absorption from solutions.	Mar. 22	Mar. 26	K-106	404
1142154	June 8, 1915	Method of treating radio-active ores and intermediate products.	Mar. 22	Mar. 26	K-106	404
1144271	June 22, 1915	Apparatus for the continuous production by synthesis of hydrogen peroxid.	Feb. 26	Mar. 24	Z-106	233
			Mar. 21	Mar. 26	V-106	399
1145332	July 6, 1915	Process for separating the first and last runnings in distillation and rectification.	Mar. 21	Mar. 26	L-106	347
1145895	July 13, 1915	Coke oven	Apr. 8	Apr. 9	U-106	389
1150825	Aug. 17, 1915	Claret red trisazo dyestuff	Mar. 21	Mar. 26	W-106	456
			1918	1918		
1151536	Aug. 24, 1915	Potentiated sera and process of making them.	Dec. 4	Dec. 5	O-105	493
			Dec. 11	Dec. 11	B-106	14
			1919	1919		
			Mar. 21	Mar. 26	P-106	376
1152467	Sept. 7, 1915	Manufacture of marbled paper	Mar. 21	Mar. 26	Y-106	356
1154792	Sept. 28, 1915	Apparatus for analyzing gases	Mar. 21	Mar. 26	H-106	415
1157257	Oct. 19, 1915	Microscope condenser	Mar. 21	Mar. 26	J-106	360
1158167	Oct. 26, 1915	Production of ammonia	Feb. 3	Feb. 21	Y-106	133
			Mar. 1	Mar. 22	G-106	287
1165498	Dec. 28, 1915	Process of rendering tetrachlorid of carbon and other halogen hydrocarbons, or hydrocarbons soluble in dilute solutions of soap.	Mar. 21	Mar. 26	J-106	347
			Feb. 28	Mar. 24	V-106	315
1169703	Jan. 25, 1916	Process for the cathodic production of solid peroxid compounds.	Feb. 26	Mar. 24	Z-106	233
			Mar. 21	Mar. 26	V-106	399
1172061	Feb. 15, 1916	Fast yellow dyes and making same	Mar. 21	Mar. 26	W-106	456
1174146	Mar. 7, 1916	Electric miner's lamp	Mar. 22	Mar. 26	V-106	404
1174903	Mar. 7, 1916	Process of the treatment of materials for impregnating them electro-cosmotically.	Mar. 22	Mar. 26	Z-106	290

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1175091	Mar. 14, 1916	Method of making highly-aromatic, clearly-soluble, solid coffee extract.	1919. Apr. 8	1919. Apr. 9	V-106	483
1176744	Mar. 28, 1916	Open hearth furnace	Apr. 8	Apr. 9	M-106	483
1179421	Apr. 18, 1916	Manufacture of peracids from aldehydes.	Mar. 21	Mar. 26	Z-106	272
			Feb. 24	Mar. 21	Y-106	193
1180027	Apr. 18, 1916	Chamber oven of the reversing flame type.	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1185500	May 30, 1916	Method of regenerating mercury catalysis.	Mar. 22	Mar. 26	V-106	404
1191551	July 18, 1916	Serum mixture	1918 Dec. 4	1918 Dec. 5	O-105	493
			Dec. 11	Dec. 11	B-106	414
			1919 Mar. 21	1919 Mar. 26	P-106	376
1193829	Aug. 8, 1916	Diasazo dyestuffs and making same.	Mar. 21	Mar. 26	W-106	456
1195673	Aug. 22, 1916	Varnish, lacquer, or the like and process of making same.	Apr. 8	Apr. 9	U-106	383
1196065	Aug. 29, 1916	Serum therapy	1918 Dec. 4	1918 Dec. 5	O-105	493
			Dec. 11	Dec. 11	B-106	414
			1919 Mar. 21	1919 Mar. 26	P-106	376
1196329	Aug. 29, 1916	Process for distilling acetic acid and the like.	Mar. 21	Mar. 26	Y-106	331
			Feb. 25	Mar. 21	K-106	279
1201625	Oct. 17, 1916	Drying oil and process of making same.	Mar. 28	Mar. 26	W-106	460
1205138	Nov. 14, 1916	Phosphorus and oxygen containing organic compounds.	1918 Dec. 4	1918 Dec. 5	D-105	480
			Dec. 11	Dec. 11	H-106	4
			1919 Mar. 22	1919 Mar. 26	V-106	403
1207708	Dec. 12, 1916	Manufacture of oxids of nitrogen	Feb. 3	Feb. 21	Y-106	133
1208781	Dec. 19, 1916	Coke oven	Mar. 1	Mar. 22	G-106	287
			Apr. 8	Apr. 9	U-106	389
1211875	Jan. 9, 1917	Furnace for burning refuse	Feb. 28	Mar. 24	U-106	222
			Apr. 22	Apr. 22	Q-107	34
1214250	Jan. 30, 1917	Continuous distillation of tar	Apr. 8	Apr. 9	R-106	476
1228609	June 5, 1917	Process for making insulating material from basic magnesium carbonate and fibrous substances.	Apr. 8	Apr. 9	Q-106	447
1216728	Feb. 20, 1917	Method of producing insoluble condensation products and product thereof.	Mar. 21	Mar. 26	L-106	345
1217028	Feb. 20, 1917	Manufacture of artificial textile material and process of producing same.	Mar. 21	Mar. 26	P-106	388
1218332	Mar. 6, 1917	Manufacture of diolefine (isoprene) caoutchouc and caoutchouc-like substances.	Mar. 22	Mar. 26	Z-106	300
1218713	Mar. 13, 1917	Production of caoutchouc-like bodies.	Mar. 22	Mar. 26	Z-106	300
1227569	May 29, 1917	German-silver-alloy products and manufacture of same.	Mar. 21	Mar. 25	H-106	399
1229150	June 5, 1917	Process for tanning and impregnating materials by means of electricity.	Mar. 22	Mar. 26	Z-106	290
1229203	June 5, 1917	Method of purifying and separating finely divided substances.	Mar. 22	Mar. 26	S-106	374
1229637	June 12, 1917	Process of distilling and exsiccating watery combustibles.	1919 Dec. 22	1920 Feb. 27	O-109	352
			1919 Apr. 8	1919 Apr. 9	N-106	492
1232187	July 3, 1917	Disinfectant	Mar. 21	Mar. 25	H-106	398
1233970	July 17, 1917	Process of manufacturing iron and steel.	Mar. 21	Mar. 26	H-106	407
1234380	July 24, 1917	Method of manufacturing hydrogen peroxid.	Mar. 21	Mar. 26	L-106	342

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1237128	Aug. 14, 1917	Manufacturing of sodium percarbonate.	Feb. 26 Mar. 21	Mar. 24 Mar. 26	Z–106 V–106	233 399
1238409	Aug. 28, 1917	Process for manufacturing iron and steel from oxygen containing baths.	Mar. 22	Mar. 26	W–106	448
1251934	Jan. 1, 1918	Process for producing liquid or soluble organic combinations from hard coal and the like.	Mar. 21 May 12	Mar. 26 May 14	H–106 I–107	406 60
1252185	Jan. 1, 1918	Diaphragm for electrolytical and electro-osmotic purposes.	Mar. 22	Mar. 26	S–106	374
1256875	Feb. 19, 1918	Process for producing ammonia	Mar. 21 Feb. 25	Mar. 26 Mar. 21	I–106 H–106	388 263
1256929	Feb. 19, 1918	Process of producing metallic wires, filaments, and the like.	Mar. 22	Mar. 26	S–106	364
1256930	Feb. 19, 1918	Filament or wire formed by a single crystal.	Mar. 22	Mar. 26	S–106	364
1259347	Mar. 12, 1918	Method of manufacturing permanently fusible and soluble synthetic resins from nonfusible phenolaldehyde-resins.	Mar. 21	Mar. 26	H–106	401
1261394	Apr. 2, 1918	Vat dyestuffs and process for their formation.	Feb. 28 Feb. 28 Feb. 28	Apr. 9 Mar. 24 Mar. 24	L–106 V–106 U–106	416 325 222
1262250	Apr. 9, 1918	Cooling mantle for furnaces	Apr. 22 Mar. 21	Apr. 22 Mar. 26	Q–107 L–106	34 338
1265485	May 7, 1918	Electrical furnaces	Mar. 21	Mar. 26	L–106	338
1265945	May 14, 1918	Electric furnace	Mar. 21	Mar. 26	Z–106	290
1266330	May 14, 1918	Process for removing liquid from stealite.	Mar. 22	Mar. 26	L–106	326
1283112	Oct. 29, 1918	Process for the production of nitric acids in internal combustion engines.	Mar. 21	Mar. 26	K–106	409
1285703	Nov. 26, 1918	Process for the production of new derivatives for the hydantoin.	Mar. —	Mar. 26	U–106	315
1286650	Dec. 3, 1918	Producing hydrogen	Mar. 22	Mar. 26	K–106	409
1288582	Dec. 24, 1918	Permanently stable, dry, bacteria preparations and process of making same.	Mar. —	Mar. 26	U–106	315
1289280	Dec. 31, 1918	Tanning	Mar. 22	Mar. 26	U–106	315
1292019	Jan. 21, 1919	Manufacture of urea	Mar. 22	Mar. 26		
		Series 3—Supplementary.				
1089960	Mar. 10, 1914	Adhesive material for gluing	Mar. 24	Apr. 9	Y–106	437
1165408	Dec. 28, 1915	Briquet-cooling apparatus	Mar. 22	Apr. 9	U–106	387
1296063	Mar. 4, 1919	Extractive products from the hypophysis gland.	Mar. 22	Apr. 9	M–106	491
1296064	Mar. 4, 1919	Salts of the extractive products from the hypophysis gland.	Mar. 22	Apr. 9	M–106	491
775353	Nov. 22, 1904	Lens combination for producing virtual images.	Feb. 27	Apr. 9	Y–106	438
873870	Dec. 17, 1907	Ramsden ocular	Feb. 27	Apr. 9	Y–106	438
873871	Dec. 17, 1907	Ramsden ocular	Feb. 27	Apr. 9	Y–106	438
873896	Dec. 17, 1907	Double objective	Feb. 27	Apr. 9	Y–106	438
873898	Dec. 17, 1907	Telephotographic objective	Feb. 27	Apr. 9	Y–106	438
886416	May 5, 1908	Photographic objectives	Feb. 27	Apr. 9	Y–106	438
895045	Aug. 4, 1908	Photographic objectives	Feb. 27	Apr. 9	Y–106	438
929795	Aug. 3, 1909	Illuminating system	Feb. 27	Apr. 9	Y–106	438
934579	Sept. 21, 1909	Deformed collective lens	Feb. 27	Apr. 9	Y–106	438
940895	Nov. 23, 1909	Lens system	Feb. 27	Apr. 9	Y–106	438
962920	June 28, 1910	Galilean telescope lens system	Feb. 27	Apr. 9	Y–106	438
968693	Aug. 30, 1910	Achromatic spectacle glass	Feb. 27	Apr. 9	Y–106	438
988720	Apr. 4, 1911	Lens system for projecting stripes	Feb. 27	Apr. 9	Y–106	438
920224	May 4, 1909	Process of manufacture of nitric acid.	Feb. 11	Feb. 20	J–106	187
936844	Oct. 12, 1909	Plant for heating gas and air for combustion in gas furnaces.	Feb. 11	Feb. 20	I–106	157

No.	Date o issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1099451	June 9, 1914	Process for continuous production of dry hydrochloric acid and potassium bisulfate from potassium chlorid and sulphuric acid.	Feb. 11	Feb. 20	Q-106	172
1124380	Jan. 12, 1915	Muffle furnace for enameling	Feb. 11	Feb. 20	I-106	157
1130104	Mar. 2, 1915	Process for the production of nitric acid.	Feb. 11	Feb. 20	F-106	229
1163174	Dec. 7, 1915	Process and apparatus for concentrating dilute nitric acid.	Feb. 11	Feb. 20	F-106	229
912352	Feb. 16, 1909	Objective	Feb. 12	Feb. 20	C-106	239
			Feb. 28	Apr. 9	V-106	490
1108307	Aug. 25, 1914	Spherically, chromatically, astigmatically, and comatically corrected double objective.	Feb. 28	Apr. 9	V-106	490
			Feb. 12	Feb. 20	C-106	239
1217027	Feb. 20, 1917	Film and process of producing same	Mar. 22	Apr. 9	N-106	487
1188376	June 20, 1916	Alkyl ethers of cellulose and process of making same.	Mar. 22	Apr. 9	N-106	487
1021337	Mar. 26, 1912	Quadruple lens objective	Feb. 27	Apr. 9	Y-106	438
1025766	May 7, 1912	Photographic objective	Feb. 27	Apr. 9	Y-106	438
1028224	June 4, 1912	Liquid lens system	Feb. 27	Apr. 9	Y-106	438
1085868	Feb. 3, 1914	Objective system	Feb. 27	Apr. 9	Y-106	438
1092861	Apr. 14, 1914	Magnifying glass	Feb. 27	Apr. 9	Y-106	438
1159233	Nov. 2, 1915	Ocular	Feb. 27	Apr. 9	Y-106	438
1169731	Jan. 25, 1916	Lens for placing before a photographic objective	Feb. 27	Apr. 9	Y-106	438
1228609	June 5, 1917	Process for making insulating material from basic magnesium and fibrous substances.	Apr. 8	Apr. 9	Q-106	447
			Apr. 7	May 15	V-107	81
982326	Jan. 24, 1911	Process of producing sound metal castings.	Apr. 8	Apr. 9	V-106	486

Said instrument dated April 10, 1919, and recorded in the United States Patent Office on April 21, 1919, in Liber Y-107, page 1-143, a copy of which instrument is set out in Exhibit H-1 attached to this bill of complaint, also enumerated the following trade-marks:

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording. [1]	Book.	Page.
	1882					
9100	Feb. 7	A medical salt	Apr. 4, 1919	Apr. 8, 1919	Y-106	426
	1884					
11464	Sept. 9	Extracts of leaves, barks, and woods for tanning and dyeing.	Apr. 4, 1919	Apr. 8, 1919	E-106	488
	1885					
12607	Sept. 29	Bone black, ivory black, etc	Apr. 4, 1919	Apr. 8, 1919	K-106	472
	1886					
13527	July 27	Toilet soap, cream, milk, paste, and pomatum.	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	M-107 P-113	14 276
13528	July 27	Salves and plasters	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	M-107 P-113	14 276
13622	Aug. 31	Unguent or salve	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	M-107 P-113	14 276
13871	Dec. 14	Pigment colors	Apr. 4, 1919	Apr. 8, 1919	N-106	457
13872	Dec. 14	Medical drugs	Apr. 4, 1919	Apr. 8, 1919	N-106	457
	1887					
14074	Feb. 15	Pine-wool fabrics and preparations.	Apr. 4, 1919	Apr. 8, 1919	Q-106	423
14473	May 31	Preparation for use in the manufacture of colors for paper and paper hangings and for other purposes.	Apr. 4, 1919	Apr. 8, 1919	G-107	22
14868	Nov. 1	Salves T. M. 1.	Apr. 4, 1919	Apr. 8, 1919	L-106	395
	1888					
15260	Mar. 6	Potato flour and potato starch and all potato-starch products, including dextrine.	Apr. 4, 1919	Apr. 8, 1919	G-107	22
15350	Apr. 10	Pharmaceutical and medical preparations generally.	Apr. 4, 1919	Apr. 8, 1919	G-106	390
15478	May 22	Medical compounds for curing skin diseases.	Apr. 4, 1919	Apr. 8, 1919	M-107	14
15767	Aug. 14	Linoleum	Apr. 4, 1919	Apr. 8, 1919	T-106	419
16027	Nov. 27	Tincture of iron	Apr. 4, 1919	Apr. 8, 1919	E-106	496
	1889					
16578	May 14	Alkaloids made from the calabar bean.	Apr. 4, 1919	Apr. 8, 1919	R-106	432
16767	July 2	Pocket, pen, erasing, and table knives and surgical and other cutting instruments classed as cutlery.	June 29, 1921 Apr. 4, 1919	July 1, 1921 Apr. 8, 1919	X-113 P-106	288 472
16788	July 9	Preserving paint	Apr. 4, 1919 July 2, 1921	Apr. 8, 1919 July 5, 1921	E-106 Z-113	498 370
17078	Oct. 1	A medical preparation for purifying the blood.	Apr. 4, 1919	Apr. 8, 1919	M-107	29

[1] Date of service on Commissioner of Patents of the United States and for filing of record in U. S. Patent Office.

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		T. M. 1—Continued.				
	1890					
17375	Jan. 7	Medical preparations for veterinary purposes.	Apr. 4, 1919	Apr. 8, 1919	M-106	464
17586	Feb. 25	Soluble metal albuminates	Apr. 4, 1919	Apr. 8, 1919	F-106	459
17904	May 13	Medicine for kidney and heart diseases.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
18083	June 24	Tar and its chemical products	Apr. 4, 1919	Apr. 8, 1919	M-106	471
		T. M. 2.				
	1891					
18827	Jan. 13	Printing and lithographing inks.	June 11, 1919	June 16, 1919	C-107	254
			Apr. 4, 1919	Apr. 8, 1919	M-107	22
19375	Apr. 21	Aniline and other tar dyestuffs	Apr. 4, 1919	Apr. 8, 1919	K-106	470
19839	July 7	Certain named remedies	Apr. 4, 1919	Apr. 8, 1919	P-106	459
19840	July 7	Remedies for insomnia	Apr. 4, 1919	Apr. 8, 1919	P-106	459
20460	Dec. 15	Anesthetics or hypnotics	Apr. 4, 1919	Apr. 8, 1919	M-107	19
20505	Dec. 29	Remedies for skin diseases	Apr. 4, 1919	Apr. 8, 1919	M-107	14
	1892					
20799	Mar. 1	Anticorrosive oils, paints, varnishes, and lacquers.	Apr. 4, 1919	Apr. 8, 1919	I-106	453
20876	Mar. 22	Paint for application to metallic surfaces.	Apr. 4, 1919	Apr. 8, 1919	U-106	378
21842	Oct. 4	Dyes or colors	Apr. 4, 1919	Apr. 8, 1919	S-106	422
22095	Nov. 29	Wool fat	Apr. 4, 1919	Apr. 8, 1919	G-107	23
	1893					
22274	Jan. 3	Photographic preparations	Apr. 4, 1919	Apr. 8, 1919	Y-106	412
23457	Aug. 8	Artists' colors, varnishes and driers.	Apr. 4, 1919	Apr. 8, 1919	I-106	454
23493	Aug. 15	A remedy for diabetes	Apr. 4, 1919	Apr. 8, 1919	Y-106	427
		T. M. 3.				
23707	Oct. 10	Mordants	Apr. 4, 1919	Apr. 8, 1919	T-106	423
23724	Oct. 17	Cleaning and polishing preparations.	June 28, 1921	July 1, 1921	V-113	325
			Apr. 4, 1919	Apr. 8, 1919	Y-106	417
23820	Nov. 14	Scouring and polishing preparations.	June 28, 1921	July 1, 1921	V-113	325
			Apr. 4, 1919	Apr. 8, 1919	Y-106	417
23927	Dec. 19	Remedies for diarrhea and gouty rheumatism.	Apr. 4, 1919	Apr. 8, 1919	Z-106	323
	1894					
24013	Jan. 9	Remedies for throat diseases	Apr. 4, 1919	Apr. 8, 1919	E-106	493
24228	Feb. 13	Iron derivatives of albumen	Apr. 4, 1919	Apr. 8, 1919	R-106	452
24357	Mar. 13	A medical compound for the cure of neuralgic and rheumatic complaints.	Apr. 4, 1919	Apr. 8, 1919	H-106	490
24643	May 1	Lactyl derivatives of paraphenetidin.	Apr. 4, 1919	Apr. 8, 1919	R-106	452
24866	June 12	Pharmaceutical preparations	Apr. 4, 1919	Apr. 8, 1919	K-106	480
24910	June 26	Paper for photographic use	Apr. 4, 1919	Apr. 8, 1919	F-107	19
25139	Aug. 14	Household dyes	Apr. 4, 1919	Apr. 8, 1919	M-106	470
25430	Oct. 30	Polishing preparations	Apr. 4, 1919	Apr. 8, 1919	V-106	460
25433	Oct. 30	Painters' size	Apr. 4, 1919	Apr. 8, 1919	Y-106	410
		T. M. 4.				
	1895					
26784	July 9	Chemical and medical products	Apr. 4, 1919	Apr. 8, 1919	F-107	17
26906	Aug. 6	Antiseptics	Apr. 4, 1919	Apr. 8, 1919	Y-106	425
27089	Sept. 24	A paste for removing spots and stains.	Apr. 4, 1919	Apr. 8, 1919	S-106	421
27318	Nov. 26	Certain named medicines and toilet preparations.	Apr. 4, 1919	Apr. 8, 1919	R-106	453
27391	Dec. 3	Chemical products and colors for use as disinfectants.	Apr. 4, 1919	Apr. 8, 1919	Y-106	407
27454	Dec. 10	Tetrajodphenolphthalein, an antiseptic substance.	Apr. 4, 1919	Apr. 8, 1919	V-106	462

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		T. M. 4.—Continued.				
	1895					
27456	Dec. 10	Disinfectants and antiseptics	Apr. 4, 1919	Apr. 8, 1919	B-106	499
27508	Dec. 31	Perfumery, toilet preparations, powder, toilet water, and ingredients for the bath.	Apr. 4, 1919	Apr. 8, 1919	I-106	441
	1896					
27785	Feb. 11	Remedies for skin diseases	Apr. 4, 1919	Apr. 8, 1919	M-106	461
27896	Mar. 3	Certain named remedies	Apr. 4, 1919	Apr. 8, 1919	I-106	444
27944	Mar. 10	Dyestuffs	Apr. 4, 1919	Apr. 8, 1919	N-106	457
27945	Mar. 10	Dyestuffs	Apr. 4, 1919	Apr. 8, 1919	N-106	457
28021	Mar. 24	Cleaning and polishing preparations and wash blue.	June 28, 1921 Apr. 4, 1919	July 1, 1921 Apr. 8, 1919	V-113 Y-106	325 417
		T. M. 5.				
28192	Apr. 28	Starch and starch preparations	Apr. 4, 1919	Apr. 8, 1919	J-107	?
28193	Aug. 28	Starch, starch and borax preparations, soap and soap powders and blue.	Apr. 4, 1919	Apr. 8, 1919	J-107	?
28223	May 5	Starch and its preparations, soap, soap powders, soda, blue, borax, and the like.	Apr. 4, 1919	Apr. 8, 1919	C-106	493
28274	May 19	Homeopathic medicines, dietetic preparations and books.	Apr. 4, 1919	Apr. 8, 1919	C-106	498
28348	June 2	A medical compound to be used as an astringent.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
28501	June 30	Pharmaceutical preparations in tablet form.	Apr. 4, 1919	Apr. 8, 1919	T-106	418
28679	July 28	Pharmaceutical and cosmetical products.	Apr. 4, 1919	Apr. 8, 1919	G-107	21
28730	Aug. 11	Antiseptic, perfumery and other similar compounds.	Apr. 4, 1919	Apr. 8, 1919	G-106	391
28868	Sept. 8	Deliming and preserving compound for tanners use.	June 29, 1921 Apr. 4, 1919	July 1, 1921 Apr. 8, 1919	X-113 Y-106	319 412
28994	Oct. 13	Remedies for blood diseases.	Apr. 4, 1919	Apr. 8, 1919	V-106	453
29171	Nov. 17	Pharmaceutical preparations containing myrrh.	Apr. 4, 1919	Apr. 8, 1919	G-106	386
29262	Dec. 8	A remedy for wounds and sores	Apr. 4, 1919	Apr. 8, 1919	V-106	462
		T. M. 6.				
29263	Dec. 8	A remedy for wounds and sores.	Apr. 4, 1919	Apr. 8, 1919	V-106	462
29264	Dec. 8	A remedy for wounds and sores.	Apr. 4, 1919	Apr. 8, 1919	V-106	462
29265	Dec. 8	A remedy for wounds and sores.	Apr. 4, 1919	Apr. 8, 1919	V-106	462
29282	Dec. 8	Salts that serve as a covering layer for molten zinc and tin.	Apr. 4, 1919	Apr. 8, 1919	T-106	423
	1897					
29457	Jan. 12	A medicament comprising menthol dissolved in menthol ether of valeric acid.	June 28, 1921 Apr. 4, 1919	July 1, 1921 Apr. 8, 1919	C-113 F-107	327 17
29552	Feb. 2	A composition for manufacturing glass batch.	Apr. 4, 1919	Apr. 8, 1919	M-107	28
29687	Mar. 9	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
29688	Mar. 9	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
29689	Mar. 9	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
29723	Mar. 23	Stethoscopes or instruments for rendering audible sounds in the human body.	Apr. 4, 1919	Apr. 8, 1919	G-107	12
29728	Mar. 23	Chemical preparations	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	V-106 Z-113	386 382
29831	Apr. 13	Diarrhea and catarrh of the stomach and bowels.	Apr. 4, 1919	Apr. 8, 1919	V-106	462
29836	Apr. 13	A remedy for wounds	Apr. 4, 1919	Apr. 8, 1919	V-106	462

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page
		T. M. 7.				
	1897					
29637	Apr. 20	Optical instruments and parts thereof.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
29695	Apr. 20	Derivatives of cinchona alkaloids.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
29996	May 11	Ointments or salves	Apr. 4, 1919	Apr. 8, 1919	S-106	416
30338	July 6	Pharmaceutical preparations for the cure of chlorosis and all forms of anemia.	Apr. 4, 1919	Apr. 8, 1919	Y-106	427
30494	Aug. 10	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
30524	Aug. 24	Impure and pure or refined benzoic sulfinid or benzoic sulfinid combined with sodium oxid.	July 2, 1921 Apr. 4, 1919	July 5, 1921 Apr. 8, 1919	K-113 S-106	271 419
30563	Sept. 28	Powders, pastes, salves, and pills.	Apr. 4, 1919	Apr. 8, 1919	E-106	462
30696	Oct. 19	Derivatives of cinchona alkaloids.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
30750	Oct. 26	A medical preparation for strengthening the blood.	Apr. 4, 1919	Apr. 8, 1919	F-106	457
30751	Oct. 26	A medical preparation for strengthening the blood.	Apr. 4, 1919	Apr. 8, 1919	F-106	457
30981	Nov. 23	Salves	Apr. 4, 1919	Apr. 8, 1919	F-107	13
30942	Dec. 7	Certain named articles and preparations for the teeth, hair, and skin.	June 28, 1921 Apr. 4, 1919	July 1, 1921 Apr. 8, 1919	L-113 F-106	363 462
		T. M. 8.				
	1898					
31062	Jan. 4	Remedies for diseases of the stomach and bowels.	Apr. 4, 1919	Apr. 8, 1919	Q-106	428
31114	Jan. 11	Antiseptic and remedy for skin diseases, tuberculosis, chlorosis, diseases of women, intestinal catarrh and bronchial asthma.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
31196	Feb. 1	A chemical compound used as an antiseptic.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
31235	Feb. 8	Photographic developers	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	Y-106 X-113	412 319
31236	Feb. 8	Photographic developers	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	Y-106 X-113	412 319
31299	Feb. 22	Dental cement	Apr. 4, 1919	Apr. 8, 1919	E-106	489
31667	June 7	Hemorrhoidal suppositories	June 24, 1921	June 25, 1921	C-113	301
31709	July 12	Certain named pharmaceutical preparations.	Apr. 4, 1919	Apr. 8, 1919	S-106	417
31851	Aug. 9	Milk measuring and registering apparatus and charts therefor.[1]	Apr. 4, 1919	Apr. 8, 1919	V-106	458
31815	Aug. 9	Milk measuring and registering apparatus and charts therefor.	Apr. 4, 1919	Apr. 8, 1919	P-106	465
31950	Sept. 6	Disinfecting, antiseptic and asepticising preparations.	Apr. 4, 1919	Apr. 8, 1919	U-106	366
31963	Sept. 13	Powders, pills, tablets, perls, ointments, and tinctures.	Apr. 4, 1919	Apr. 8, 1919	K-106	473
32021	Oct. 4	Diseases of the blood and infectious diseases.	Apr. 4, 1919	Apr. 8, 1919	V-106	467
		T. M. 9				
32022	Oct. 4	A certain remedy for arthritis, rheumatism, and like diseases.	Apr. 4, 1919	Apr. 8, 1919	V-106	467
32088	Oct. 25	Unguent for skin diseases	Apr. 4, 1919	Apr. 8, 1919	I-106	445
32145	Nov. 8	Dietetic preparations of albumen.	Apr. 4, 1919	Apr. 8, 1919	K-106	473
32146	Nov. 8	Oils for artists' paints, colors, and varnishes.	Apr. 4, 1919	Apr. 8, 1919	G-106	387

[1] This trade-mark seized as No. 31,815. See below.

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		T. M. 9—Continued.				
	1898					
32148	Nov. 8	Certain artificial fertilizers	Apr. 4, 1919	Apr. 8, 1919	I-106	446
32149	Nov. 8	Certain artificial fertilizers	Apr. 4, 1919	Apr. 8, 1919	I-106	446
32174	Nov. 22	Albuminates and compounds thereof for certain named purposes.	Apr. 4, 1919	Apr. 8, 1919	F-107	24
32242	Dec. 13	Certain named medical compounds.	Apr. 4, 1919	Apr. 8, 1919	T-106	412
	1899					
32550	Feb. 28	Certain named toilet preparations.	Apr. 4, 1919	Apr. 8, 1919	I-106	441
32576	Mar. 7	Medicinal and remedial sulfo compounds for internal and external use.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	H-106 L-113	491 365
32577	Mar. 7	Veterinary remedial agents	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	H-106 L-113	491 365
32700	Apr. 11	Rice powder, rice starch powder, starch and starch powder.	Apr. 4, 1919	Apr. 8, 1919	C-106	495
32748	Apr. 18	Materials for sharpening, grinding, boring and polishing.	Apr. 4, 1919	Apr. 8, 1919	Z-106	330
32887	May 16	Medicines for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	V-106	467
33016	June 6	Photographic developers	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	Y-106 X-113	412 320
		T. M. 10.				
33017	June 6	Photographic developers	Apr. 4, 1919 June 29, 1921	Apr. 8, 9191 July 1, 1921	Y-106 X-113	412 320
33281	July 25	Certain named diseases	Apr. 4, 1919	Apr. 8, 1919	U-106	366
33481	Sept. 19	Certain named painters' supplies.	Apr. 4, 1919	Apr. 8, 1919	E-106	486
33539	Oct. 10	Certain named toilet preparations.	Apr. 4, 1919	Apr. 8, 1919	Q-106	430
33622	Oct. 24	Remedy for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	Z-106	327
33818	Nov. 28	Chemical preparations for the preservation of leather.	Apr. 4, 1919	Apr. 8, 1919	Y-106	419
33821	Nov. 28	Remedies for catarrh	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	J-107 C-113	2 323
33865	Dec. 12	Knitted fabrics and garments made therefrom.	Apr. 4, 1919 Dec. 31, 1918	Apr. 8, 1919 June 20, 1919	N-106 O-107	465 293
33866	Dec. 12	Knitted fabrics and garments made therefrom.	Apr. 4, 1919 Dec. 31, 1918	Apr. 8, 1919 June 20, 1919	N-106 O-107	465 293
	1900					
34132	Feb. 6	Certain named photographic materials.	June 24, 1921 Apr. 4, 1919	June 25, 1921 Apr. 8, 1919	Q-113 P-106	274 463
34259	Feb. 27	Certain named drugs and chemicals.	Apr. 4, 1919	Apr. 8, 1919	V-106	458
34346	Mar. 20	Certain named chemical and pharmaceutical preparations.	Apr. 4, 1919	Apr. 8, 1919	M-106	467
34360	Mar. 27	Chemical and pharmaceutical preparations.	Apr. 4, 1919	Apr. 8, 1919	Y-106	414
		T. M. 11.				
34482	Apr. 17	Certain named fabrics or body garments.	Apr. 4, 1919	Apr. 8, 1919	N-106	463
34706	May 29	Certain named medical compounds.	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	M-107 P-113	14 276
34742	June 5	Haemoglobin preparations	Apr. 4, 1919	Apr. 8, 1919	J-106	425
34880	July 10	Certain named chemical products and fertilizers.	Apr. 4, 1919	Apr. 8, 1919	N-106	474
34881	July 10	Certain named chemical products and fertilizers.	Apr. 4, 1919	Apr. 8, 1919	N-106	474
34951	July 24	A certain named polishing compound.	Apr. 4, 1919	Apr. 8, 1919	U-106	373

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		T. M. 11—Continued				
	1900					
35049	Sept. 18	Certain named optical instruments.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
35050	Sept. 18	Certain named optical instruments.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
35181	Oct. 2	Alkaloids	Apr. 4, 1919	Apr. 8, 1919	V-106	454
35183	Oct. 2	Nutritive ferruginous preparations.	Apr. 4, 1919	Apr. 8, 1919	M-107	16
35389	Nov. 13	Certain named cutlery and surgical instruments.	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	P-106 S-113	472 296
35639	Dec. 25	Certain named chemical, pharmaceutical and surgical products and preparations.	Apr. 4, 1919	Apr. 8, 1919	J-106	422
	1901					
35772	Jan. 15	Certain named pharmaceutical products.	Apr. 4, 1919	Apr. 8, 1919	P-106	463
		T. M. 12.				
35864	Feb. 5	Medicinal liquors	Apr. 4, 1919	Apr. 8, 1919	N-106	481
35928	Feb. 19	Wool fat and wool-fat preparations.	Apr. 4, 1919	Apr. 8, 1919	G-107	23
35930	Feb. 19	Manures, fertilizers and liquids for spraying plants.	Apr. 4, 1919	Apr. 8, 1919	V-106	462
35979	Feb. 26	Medical and pharmaceutical preparations.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	T-106 G-113	427 294
35997	Mar. 5	Coverings for floors, ceiling, and boilers and plaster.	Apr. 4, 1919	Apr. 8, 1919	I-106	443
36046	Mar. 12	Oleates of sodium	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
36050	Mar. 12	Medicinal, toilet, and antiseptic preparations.	Apr. 4, 1919	Apr. 8, 1919	G-107	23
36268	Apr. 16	Therapeutic preparations for digestive purposes.	Apr. 4, 1919	Apr. 8, 1919	V-106	462
36322	June 4	Certain named soluble starch	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	J-106 Q-113	426 273
36323	June 4	Certain named soluble starch	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	J-106 Q-113	426 273
36588	June 11	Certain named iron, steel, and manufacture.	May 12, 1919 Apr. 4, 1919	May 4, 1919 Apr. 8, 1919	Q-107 C-106	117 489
36603	June 18	Raw materials or substances of celluloid, hard rubber, and tortoise or of like nature and articles made thereof.	Apr. 4, 1919	Apr. 8, 1919	F-107	20
		T. M. 13.				
	1901					
36604	June 18	Lanolin or wool-fat and certain named lanolin preparations, mixtures and compounds.	Apr. 4, 1919	Apr. 8, 1919	G-107	23
36747	July 16	A tonic	Apr. 4, 1919	Apr. 8, 1919	M-106	461
37152	Oct. 1	Caffein compounds	Apr. 4, 1919	Apr. 8, 1919	Y-106	421
37373	Nov. 26	Certain named pharmaceutical products.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
37374	Nov. 26	Certain named pharmaceutical products.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
37420	Dec. 3	Filling material for teeth	Apr. 4, 1919	Apr. 8, 1919	L-106	396
37424	Dec. 3	Certain named foods and relishes.	Apr. 4, 1919	Apr. 8, 1919	F-106	451
37568	Dec. 31	Paints and insulating materials	Apr. 4, 1919	Apr. 8, 1919	E-106	486
37573	Dec. 31	Chemicals for pharmaceutical purposes.	Apr. 4, 1919	Apr. 8, 1919	L-106	400
37579	Dec. 31	Remedy for rheumatism	Apr. 4, 1919	Apr. 8, 1919	F-107	13
	1902					
37612	Jan. 7	Remedy for wounds, burns and other injuries to the skin.	Apr. 4, 1919	Apr. 8, 1919	F-107	13

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		T. M. 13—Continued.				
	1901					
37684	Jan. 21	Quinate of lithium	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
37733	Feb. 4	Certain named chemical substances and preparations.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
37734	Feb. 4	Certain named chemical substances and preparations.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
37744	Feb. 4	Medical preparations for wounds and certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	V-106	462
		T. M. 14.				
38016	Apr. 1	Perfumery and certain named toilet preparations.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	I-106 H-113	441 302
38017	Apr. 1	Perfumery and certain named toilet preparations.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	I-106 H-113	441 302
38167	Apr. 22	Salicylates of some rare earths	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
38552	July 1	Certain named chemical compound.	Apr. 4, 1919	Apr. 8, 1919	U-106	378
38682	July 29	A conserving compound	Apr. 4, 1919	Apr. 8, 1919	J-107	10
38879	Sept. 9	Arsenic compounds	Apr. 4, 1919	Apr. 8, 1919	F-107	15
39022	Oct. 14	Remedy for pulmonary consumption and inflammation of the lungs.	Apr. 4, 1919	Apr. 8, 1919	F-107	13
39153	Oct. 28	Substitute for gum copal and amber.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	J-106 Q-113	426 271
39473	Dec. 16	Preparation for treatment of photographic plates.	Apr. 4, 1919	Apr. 8, 1919	C-106	494
39523	Dec. 23	Cotoin compound	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
39577	Dec. 30	Derivatives of vanillin and phenetidin.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
39598	Dec. 30	Dietetic preparations and admixtures thereof with food products and beverages.	Apr 4, 1919	Apr. 8, 1919	F-106	451
		T. M. 15.				
	1903					
39841	Feb. 24	Starch and starch compounds	Apr. 4, 1919	Apr. 8, 1919	Q-106	421
39849	Feb. 24	Tanning extracts and tanning liquors.	Apr. 4, 1919	Apr. 8, 1919	K-106	478
40016	Mar. 31	Medical compound for external use.	Apr. 4, 1919	Apr. 8, 1919	G-106	383
40027	Mar. 31	Chemicals for photographic baths.	Apr. 4, 1919	Apr. 8, 1919	V-106	456
40116	Apr. 14	Combinations of quinin and phenetidin.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
40117	Apr. 14	Salts of diorthooxydibenzal-aceton.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
40139	Apr. 21	Photographic cameras	Apr. 4, 1919	Apr. 8, 1919	N-106	479
40140	Apr. 21	Lens instruments	Apr. 4, 1919	Apr. 8, 1919	N-106	479
40141	Apr. 21	Optical systems consisting of one or several lenses.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
40534	June 9	Titanium preparations for leather dyeing.	Apr. 4, 1919	Apr. 8, 1919	F-106	461
40558	June 9	Remedy for tapeworm and similar parasitic ailments.	Apr. 4, 1919	Apr. 8, 1919	R-106	452
40614	June 16	Dyestuff	Apr 4, 1919	Apr. 8, 1919	N-106	457
40632	June 23	An internal antiseptic and uric-acid solvent.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
		T. M. 16.				
40633	June 23	A medical compound to be used as a haemostatic.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
40634	June 23	Remedies for skin diseases	Apr. 4, 1919	Apr 8, 1919	M-106	461

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		T. M. 16—Continued.				
	1903					
40895	Aug. 11	Remedies for tuberculosis and catarrhal complaints.	Apr. 4, 1919 July 2, 1921	Apr. 8, 1919 July 5, 1921	Y-106 L-113	415 369
41046	Sept. 1	Certain named soluble receptacles.	Apr. 4, 1919	Apr. 8, 1919	J-106	433
41079	Sept. 8	Soluble receptacles	Apr. 4, 1919	Apr. 8, 1919	J-106	433
41199	Sept. 29	Oxygen preparations for internal use.	Apr. 4, 1919	Apr. 8, 1919	G-107	14
41285	Oct. 13	Certain named photographic films and wrappers therefor.	Apr. 4, 1919	Apr. 8, 1919	Q-106	429
41356	Oct. 27	Anesthetics	Apr. 4, 1919	Apr. 8, 1919	U-106	374
41441	Nov. 10	Remedy against gall stones	Apr. 4, 1919	Apr. 8, 1919	U-106	376
41782	Dec. 29	Oxygen preparations for external use.	Apr. 4, 1919	Apr. 8, 1919	G-107	14
	1904					
41814	Jan. 5	Disinfectants and deodorizers	Apr. 4, 1919	Apr. 8, 1919	B-106	499
42306	Mar. 29	Paints and colors	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	M-106 O-113	463 269
42421	Apr. 19	Medical pastes and salves	Apr. 4, 1919	Apr. 8, 1919	N-106	475
		T. M. 17.				
42422	Apr. 19	Chemical preparations for sulfur baths.	Apr. 4, 1919	Apr. 8, 1919	V-106	465
42423	Apr. 19	Synthetic or asilin colors for printing purposes.	Apr. 4, 1919	Apr. 8, 1919	M-107	15
42452	Apr. 19	Certain named medicinal and food compounds.	Apr. 4, 1919	Apr. 8, 1919	R-106	452
42486	Apr. 26	A certain named chemical	Apr. 4, 1919	Apr. 8, 1919	Z-106	329
42487	Apr. 26	Certain named chemical substances.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
42551	May 3	Coloring matters, dyes and mordants.	Apr. 4, 1919	Apr. 8, 1919	N-106	460
42593	May 10	Certain named oil	Apr. 4, 1919	Apr. 8, 1919	L-106	405
42618	May 17	A coating and preserving paint.	Apr. 4, 1919	Apr. 8, 1919	P-106	461
42632	May 17	Prophylactic medicines	Apr. 4, 1919	Apr. 8, 1919	N-106	470
42658	May 24	Pharmaceutical preparations for certain named purposes.	Apr. 4, 1919	Apr. 8, 1919	G-107	13
42957	July 5	A preservation liquid for the protection of wood.	Apr. 4, 1919 July 2, 1921	Apr. 8, 1919 July 5, 1921	E-106 Z-113	498 370
42991	July 12	Chemical finishing compound	Apr. 4, 1919	Apr. 8, 1919	R-106	446
42992	July 12	Chemical finishing compound	Apr. 4, 1919	Apr. 8, 1919	R-106	446
		T. M. 18.				
43188	Aug. 16	An ointment and cutaneous preparation and remedies.	Apr. 4, 1919	Apr. 8, 1919	U-106	370
43208	Aug. 16	Aromatic iron liquor for pharmaceutical use.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
43227	Aug. 23	Cutaneous preparations and remedies.	Apr. 4, 1919	Apr. 8, 1919	U-106	370
43230	Aug. 23	Preparations for tooth filling and manufacturing of artificial teeth.	Apr. 4, 1919	Apr. 8, 1919	M-106	457
43574	Oct. 18	Chemical fire extinguishers	Apr. 4, 1919	Apr. 8, 1919	T-106	424
43703	Nov. 15	Curative serum	Apr. 4, 1919	Apr. 8, 1919	Y-106	422
	1905					
43979	Jan. 3	Wool fat and products obtained therefrom.	Apr. 4, 1919	Apr. 8, 1919	G-107	23
44142	Feb. 7	Salicylic preparations for intravenous applications.	Apr. 4, 1919	Apr. 8, 1919	F-107	15
47110	Oct. 24	Printing and lithographic inks	June 11, 1919 Apr. 4, 1919	June 16, 1919 Apr. 8, 1919	C-107 M-107	254 22
47764	Nov. 21	Potato flour, potato starch, and dextrin.	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	G-107 T-113	22 300

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		T. M. 18—Continued				
	1906					
48934	Jan. 16	Vacuum tubes, X-ray tubes and parts thereof.	Apr. 4, 1919	Apr. 8, 1919	I-106	450
49312	Feb. 6	Chemical finishing compound.	Apr. 4, 1919	Apr. 8, 1919	R-106	446
49667	Feb. 13	Starch and dextrin	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	G-107 T-113	22 300
		T. M. 19.				
49911	Feb. 20	Potato flour, potato starch, and dextrin.	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	G-107 T-113	22 300
51505	Apr. 17	Uniting agents for colors	Apr. 4, 1919	Apr. 8, 1919	Y-106	423
51645	Apr. 17	Chemical fire extinguishers	Apr. 4, 1919	Apr. 8, 1919	T-106	424
51898	Apr. 24	A medical compound to be used as an astringent.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
51899	Apr. 24	A medical compound to be used as a hemostatic.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
52333	May 1	Dyestuff	[1]			
52224	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52225	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52226	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52227	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52228	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52229	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52230	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
		T. M. 20.				
52231	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52232	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52233	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52234	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52235	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52236	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52237	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52238	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52239	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
52240	May 1	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
53527	June 5	A medicine for Graves' disease	Apr. 4, 1919	Apr. 8, 1919	F-107	13
53937	June 12	Disinfectants and antiseptics	Apr. 4, 1919	Apr. 8, 1919	B-106	499
54087	June 19	A medicament	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
		T. M. 21.				
54088	June 19	Derivatives of cinchona alkaloids.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
54110	June 19	Preparations for the cleansing and preservation of the teeth and of the mouth.	Apr. 4, 1919	Apr. 8, 1919	M-107	18
54266	June 26	Nonalcoholic solutions of iron-manganese-peptone.	Apr. 4, 1919	Apr. 8, 1919	V-106	458
55490	Aug. 14	Bronze colors, brocades, and leaf metals.	Apr. 4, 1919	Apr. 8, 1919	E-106	497
55544	Aug. 14	Composition of matter	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	Q-106 S-113	419 297
55635	Aug. 21	Creosote and guaiacol	Apr. 4, 1919	Apr. 8, 1919	Y-106	407
55658	Aug. 21	Plasters and salves	Apr. 4, 1919	Apr. 8, 1919	N-106	463
55723	Aug. 21	Derivatives of cinchona alkaloids.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
55759	Aug. 21	Preparations of sodium theobromate and sodium salicylate.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
56371	Sept. 18	A medicine for kidney and heart diseases.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
56434	Sept. 25	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
56885	Oct. 23	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457

[1] Not demanded.

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		T. M. 22.				
57052	1906 Oct. 30	Chemicals for reducing, discharging and bleaching purposes.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
57148	Nov. 6	Photographic developers	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	Y-106 X-113	412 319
57153	Nov. 6	Preparation made from leeches	Apr. 4, 1919	Apr. 8, 1919	J-106	421
57159	Nov. 6	Medical plasters	Apr. 4, 1919	Apr. 8, 1919	N-106	463
57218	Nov. 6	Photographic developers	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	Y-106 X-113	412 319
57220	Nov. 6	Certain named medicinal compounds.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
57493	Nov. 13	Chemical finishing compound	Apr. 4, 1919	Apr. 8, 1919	R-106	446
57505	Nov. 13	Bactericides	Apr. 4, 1919	Apr. 8, 1919	T-106	426
58089	Dec. 4	A germicide	Apr. 4, 1919	Apr. 8, 1919	U-106	379
58412	Dec. 11	Ferruginous preparations	Apr. 4, 1919	Apr. 8, 1919	G-107	18
58700	Dec. 25	Insulating and protective paints and varnishes.	Apr. 4, 1919	Apr. 8, 1919	E-106	486
59181	1907 Jan. 1	Briquets of iron and silica	Apr. 4, 1919	Apr. 8, 1919	R-106	457
59289	Jan. 1	Cathartics	Apr. 4, 1919	Apr. 8, 1919	J-107	3
		T. M. 23.				
59443	1907 Jan. 8	Cement for filling teeth	June 28, 1919 Apr. 4, 1919	July 1, 1921 Apr. 8, 1919	C-113 Y-106	324 409
60440	Feb. 5	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	N-106	457
60607	Feb. 12	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	M-106	461
60763	Feb. 19	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
61165	Mar. 5	Certain medicinal compounds	Apr. 4, 1919	Apr. 8, 1919	M-106	461
61255	Mar. 12	A medical preparation to be used as an antigonorrheic.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
61628	Apr. 2	A detergent cleaning preparation.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	L-106 F-113	406 275
62058	Apr. 16	Antitoxic serums	Apr. 4, 1919	Apr. 8, 1919	J-106	431
62340	Apr. 30	Measuring and scientific optical apparatus, appliances and instruments.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
62805	May 14	Inks	Apr. 4, 1919	Apr. 8, 1919	G-107	23
63161	June 11	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
63162	June 11	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
63256	June 11	Chemicals used in reducing, discharging and bleaching.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
63257	June 11	Dyestuff	Apr. 4, 1919	Apr. 8, 1919	N-106	457
		T. M. 24.				
63258	June 11	Dyestuff and chemicals used in reducing, discharging and bleaching.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
63303	June 11	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	N-106	457
63539	June 25	Raw catgut and sewing silk for surgical purposes.	Apr. 4, 1919	Apr. 8, 1919	J-106	429
63554	June 25	A local anesthetic	Apr. 4, 1919	Apr. 8, 1919	U-106	376
63562	June 25	Subcutaneous injections	Apr. 4, 1919	Apr. 8, 1919	U-106	376
63563	June 25	Remedy for certain diseases	Apr. 4, 1919	Apr. 8, 1919	U-106	376
63650	July 2	A curative serum for the prevention of hay fever.	Apr. 4, 1919	Apr. 8, 1919	Y-106	422
63910	July 16	Liquid preparation for soldering and coating metals.	Apr. 4, 1919	Apr. 8, 1919	M-106	473
64654	Aug. 20	Anesthetics	Apr. 4, 1919	Apr. 8, 1919	E-106	490
64669	Aug. 20	A color-setting compound used in dyeing.	Apr. 4, 1919	Apr. 8, 1919	S-106	415
65161	Sept. 10	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	R-106	452
65296	Sept. 17	Certain weighing apparatus	Apr. 4, 1919	Apr. 8, 1919	C-106	492
65473	Oct. 8	A color-setting compound used in dyeing.	Apr. 4, 1919	Apr. 8, 1919	S-106	415

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		T. M. 25				
	1907					
65549	Oct. 8	Certain medicines	Apr. 4, 1919	Apr. 8, 1919	R-106	456
65761	Oct. 22	Soap manufactured from wool grease.	Apr. 4, 1919	Apr. 8, 1919	F-107	15
66004	Nov. 5	Glass tubes for water gages	Apr. 4, 1919	Apr. 8, 1919	M-106	459
66353	Nov. 26	Certain chemicals	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	Z-106 P-113	331 286
66400	Nov. 26	Soap made of wool fat	Apr. 4, 1919	Apr. 8, 1919	F-107	15
66585	Dec. 17	Impregnating agents for preserving and coating wood.	Apr. 4, 1919	Apr. 8, 1919	L-106	405
	1908					
67605	Feb. 11	Remedy for gall stones	Apr. 4, 1919	Apr. 8, 1919	U-106	376
67643	Feb. 11	Optical instruments	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
67964	Mar. 3	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	N-106	457
67965	Mar. 3	Dyestuffs, including indigo and indigo preparations, coal-tar dyes.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
67986	Mar. 3	Chemical nickel salt	Apr. 4, 1919	Apr. 8, 1919	N-106	472
68043	Mar. 3	Soap	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	Z-106 P-113	331 286
68080	Mar. 3	Ultramarine blue	Apr. 4, 1919	Apr. 8, 1919	F-107	21
		T. M. 26.				
68169	Mar. 10	Syringes and surgical irrigators	Apr. 4, 1919	Apr. 8, 1919	M-107	25
68546	Apr. 14	Disinfectants	Apr. 4, 1919	Apr. 8, 1919	Z-106	328
68570	Apr. 14	Optical instruments and parts thereof.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
68571	Apr. 14	Optical instruments and parts therof.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
68572	Apr. 14	Optical instruments and parts thereof.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
68573	Apr. 14	Optical instruments and parts thereof.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
68604	Apr. 21	Certain medicines and toilet preparations.	Apr. 4, 1919	Apr. 8, 1919	N-106	463
68797	Apr. 28	Leather dressing and leather blacking.	Apr. 4, 1919	Apr. 8, 1919	H-106	492
69001	May 12	Prismatic telescopes	Apr. 4, 1919	Apr. 8, 1919	U-106	369
69128	May 19	Certain remedies	Apr. 4, 1919 July 2, 1921 July 2, 1921 July 2, 1921	Apr. 8, 1919 July 5, 1921 July 5, 1921 July 5, 1921	Z-106 K-113 K-113 K-113	331 263 261 260
69147	May 19	Remedies for certain diseases	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	Z-106 P-113	331 286
69213	May 26	Veterinary medicine in the form of pills or powders.	Apr. 4, 1919	Apr. 8, 1919	Q-106	420
69247	June 2	Disinfectants and antiseptics	Apr. 4, 1919	Apr. 8, 1919	Z-106	335
		T. M. 27.				
69366	June 9	Ultramarine blue	Apr. 4, 1919	Apr. 8, 1919	F-107	21
69420	June 9	Ultramarine blue	Apr. 4, 1919	Apr. 8, 1919	F-107	21
69958	July 21	Certain chemical preparations	Apr. 4, 1919	Apr. 8, 1919	Y-106	407
70427	Sept. 1	Certain surgical apparatus	Apr. 4, 1919	Apr. 8, 1919	F-106	458
71156	Nov. 3	Certain optical goods	Apr. 4, 1919	Apr. 8, 1919	U-106	369
71199	Nov. 10	Certain rubber goods	Apr. 4, 1919	Apr. 8, 1919	Y-106	405
71288	Nov. 17	Certain measures and optical goods.	Apr. 4, 1919	Apr. 8, 1919	H-106	492
71330	Nov. 17	Certain surgical goods and medicine chests.	Apr. 4, 1919	Apr. 8, 1919	H-106	492
71337	Nov. 17	Certain rubber goods	Apr. 4, 1919	Apr. 8, 1919	Y-106	405
71349	Nov. 17	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	N-106	457
71638	Dec. 8	Medicine for internal use	Apr. 4, 1919	Apr. 8, 1919	T-106	417

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		T. M. 27—Continued.				
	1909					
72251	Jan. 12	An aromatic iron tonic as a remedy for anemia.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
72321	Jan. 19	Medicinal electrolytic preparations.	Apr. 4, 1919	Apr. 8, 1919	E-106	494
		T. M. 28.				
72322	Jan. 19	Remedies for certain diseases	Apr. 4, 1919 July 2, 1921 July 2, 1921	Apr. 8, 1919 July 5, 1921 July 5, 1921	Z-106 K-113 K-113	331 263 261
72331	Jan. 19	Antiparasitic preparation for plants.	July 2, 1921 Apr. 4, 1919	July 5, 1921 Apr. 8, 1919	K-113 I-106	260 445
72455	Jan 26	Medicinal preparations containing iodin, or its salts and albumen.	Apr. 4, 1919 Jan 13, 1919	Apr. 8, 1919 Jan. 16, 1919	N-106 K-106	476 76
72602	Feb. 9	Medicinal dietetical iron preparations.	Apr. 4, 1919	Apr. 8, 1919	H-106	493
72603	Feb. 9	Rubber preparations for covering the skin for hygienian purposes.	Apr. 4, 1919	Apr. 8, 1919	H-106	493
72706	Feb. 16	A tonic remedy for diseases of the heart.	Apr. 4, 1919	Apr. 8, 1919	H-106	493
72707	Feb. 16	A remedy for rhachitis	Apr. 4, 1919	Apr. 8, 1919	H-106	493
73012	Mar. 9	Medicine for heart diseases	Apr. 4, 1919	Apr. 8, 1919	M-106	461
73162	Mar. 23	Measuring machines or instruments.	Apr. 4, 1919	Apr. 8, 1919	G-106	388
73187	Mar. 30	Laxative tablets	Apr. 4, 1919	Apr. 8, 1919	V-106	458
73301	Apr. 6	Disinfectants	Apr. 4, 1919	Apr. 8, 1919	B-106	499
		T. M. 29.				
73628	May 4	Synthetic oil of violet	Apr. 4, 1919	Apr. 8, 1919	J-106	431
73648	May 4	Physical devices and instruments for treating fluids with radioactive preparations.	Apr. 4, 1919	Apr. 8, 1919	K-106	479
73751	May 18	Inhalation masks	Apr. 4, 1919	Apr. 8, 1919	N-106	463
73755	May 18	Medicine	Apr. 4, 1919	Apr. 8, 1919	M-106	461
73761	May 18	Boiler compound	Apr. 4, 1919	Apr. 8, 1919	N-106	459
74332	July 6	A remedy for arteriosclerosis and attendant diseases and a diuretic.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
74333	July 6	A remedy against gonorrhea and cystitis.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
74558	July 20	A venereal remedy	Apr. 4, 1919	Apr. 8, 1919	M-106	460
74581	July 20	A chemical preparation for rendering cement, mortar, and the like waterproof.	Apr. 4, 1919	Apr. 8, 1919	N-106	478
74856	Aug. 17	Salves, ointments, powders, and tablets for coughs and colds.	Apr. 4, 1919	Apr. 8, 1919	G-106	391
74913	Aug. 17	Certain named scientific appliances and parts thereof.	Apr. 4, 1919	Apr. 8, 1919	K-106	471
76056	Dec. 7	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	N-106	457
		T. M. 30.				
75091	Aug. 31	Pharmaceutical preparations for treating disorders of the skin.	Apr. 4.1919 June 28,1921	Apr. 8, 1919 July 1, 1921	P-106 S-113	467 294
75300	Sept. 21	A remedy for rheumatism and gout.	Apr. 4, 1919 June 28,1921	Apr. 8, 1919 July 1, 1921	R-106 P-113	453 275
76243	Dec. 28	Dyestuffs	Apr. 4, 1919	Apr. 8, 1919	N-106	457
76244	Dec. 28	Coal tar coloring matters	Apr. 4, 1919	Apr. 8, 1919	N-106	457
76245	Dec. 28	Chemicals used in reducing, discharging and bleaching.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
	1910					
76268	Jan. 4	Coloring matters	Apr. 4, 1919	Apr. 8, 1919	N-106	457

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		T. M. 30—Continued.				
	1910					
76318	Jan. 4	A preparation of chloroform for medicinal use.	Apr. 4, 1919	Apr. 8, 1919	F-107	22
76404	Jan. 11	Paint	Apr. 4, 1919	Apr. 8, 1919	K-106	477
76472	Jan. 18	Soldering-fluxes	Apr. 4, 1919	Apr. 8, 1919	T-106	420
76580	Feb. 1	Chemicals to be used when bucking or scouring dyed textile materials.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
76808	Feb. 15	Certain chemicals and chemical preparations.	Apr. 4, 1919	Apr. 8, 1919	Z-106	333
76958	Mar. 1	Chemicals used in reducing, discharging and bleaching.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
		T. M. 31.				
76968	Mar. 1	Lecithin preparations	Apr. 4, 1919	Apr. 8, 1919	G-106	385
77192	Mar. 22	Coloring matters	Apr. 4, 1919	Apr. 8, 1919	N-106	457
77617	Apr. 26	Certain cutlery	Apr. 4, 1919	Apr. 8, 1919	R-106	450
77618	Apr. 26	Diuretic preparations	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	Z-106 F-113	336 274
77823	Mar. 29	Means for preventing certain infections.	Apr. 4, 1919	Apr. 8, 1919	P-106	467
77657	Apr. 26	Lactic-acid bacteria and dietetical preparations.	Apr. 4, 1919	Apr. 8, 1919	P-106	469
77790	May 10	Linoleum	Apr. 4, 1919	Apr. 8, 1919	R-106	458
78065	May 31	Antiseptic mouth wash	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	Z-106 F-113	336 274
78617	June 28	Medicinal preparation	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	P-106 S-113	467 294
78933	July 26	Plastic compositions for making gums for artificial teeth.	Apr. 4, 1919	Apr. 8, 1919	R-106	450
79036	Aug. 2	A substitute for camphor in celluloid manufactures.	Apr. 4, 1919	Apr. 8, 1919	Z-106	325
79186	Aug. 16	A mineral powder for decolorizing oil.	Apr. 4, 1919	Apr. 8, 1919	N-106	467
		T. M. 32.				
79656	Sept. 27	A remedy for diseases of swine	Apr. 4, 1919	Apr. 8, 1919	F-106	455
79700	Sept. 27	Animal serum	Apr. 4, 1919	Apr. 8, 1919	Y-106	422
80000	Oct. 25	Preparation for cleansing and preserving the teeth and mouth.	Apr. 4, 1919	Apr. 8, 1919	M-107	18
80001	Oct. 25	Tooth paste, tooth cream, tooth powder and lotion.	Apr. 4, 1919	Apr. 8, 1919	M-107	18 18
80238	Nov. 22	Carbolic acid, cresol, and disinfectants.	Apr. 4, 1919	Apr. 8, 1919	K-106	482
80257	Nov. 22	Telescopes	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
80258	Nov. 22	Telescopes	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
80313	Dec. 6	Calculating machines	Apr. 4, 1919	Apr. 8, 1919	T-106	425
80338	Dec. 13	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	N-106	457
	1911					
80780	Jan. 31	Molding material for dental purposes.	Apr. 4, 1919	Apr. 8, 1919	C-106	493
80781	Jan. 31	Molding material for dental purposes.	Apr. 4, 1919	Apr. 8, 1919	C-106	493
81426	Apr. 11	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	N-106	457
81431	Apr. 11	Certain scientific apparatus and appliances.	Apr. 4, 1919	Apr. 8, 1919	R-106	461
		T. M. 33.				
81784	May 9	Medicinal plasters	Apr. 4, 1919	Apr. 8, 1919	V-106	458
81807	May 9	Preparation containing the active components of digitalis and strophanthus.	Apr. 4, 1919	Apr. 8, 1919	C-106	493

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
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		T. M. 33—Continued.				
	1911					
82621	July 11	Fertilizers	Apr. 4, 1919	Apr. 8, 1919	I-106	449
83417	Sept. 12	Soaps and soap powders	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	P-106 S-113	467 294
83541	Sept. 26	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	N-106	457
83542	Sept. 26	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	N-106	457
83658	Oct. 3	A remedy for the treatment of gonorrhea and other venereal diseases.	Apr. 4, 1919	Apr. 8, 1919	P-106	470
83687	Oct. 3	Capsules made of gelatin and adapted to receive medicinal substances.	Apr. 4, 1919	Apr. 8, 1919	K-106	476
83906	Oct. 24	Neurotics and remedial preparations for nervous diseases.	Apr. 4, 1919	Apr. 8, 1919	Y-106	408
84258	Nov. 21	Optical instruments and certain specified scientific appliances	Apr. 4, 1919	Apr. 8, 1919	Y-106	429
84309	Nov. 28	Laxative medicinal gelatin preparations.	Apr. 4, 1919	Apr. 8, 1919	V-106	458
84559	Dec. 19	Dental drilling machines and parts thereof, rubber-dam clamps, and surgical instruments of steel.	Apr. 4, 1919	Apr. 8, 1919	I-106	455
		T. M. 34.				
84591	Dec. 26	Single and double prism telescopes.	Apr. 4, 1919	Apr. 8, 1919	R-106	461
84643	Dec. 26	Certain goods and chemical mixtures of fusible materials for the determination of temperature.	Apr. 4, 1919	Apr. 8, 1919	M-106	468
	1912					
84780	Jan. 2	A tonic in pulverized form	Apr. 4, 1919	Apr. 8, 1919	M-106	460
84922	Jan. 9	A disinfectant and an astringent remedy.	Apr. 4, 1919 Jan. 13, 1919	Apr. 8, 1919 Jan. 16, 1919	N-106 K-106	476 76
85108	Jan. 30	Silk-treating substances	Apr. 4, 1919	Apr. 8, 1919	T-106	423
85161	Jan. 30	Toilet soap	Apr. 4, 1919	Apr. 8, 1919	G-107	23
85162	Jan. 30	Toilet soap	Apr. 4, 1919	Apr. 8, 1919	G-107	23
85306	Feb. 6	Objective-lens system	Apr. 4, 1919 June 21, 1921	Apr. 8, 1919 June 24, 1921	N-106 Q-113	479 240
85307	Feb. 6	Objective-lens system	Apr. 4, 1919 June 21, 1921	Apr. 8, 1919 June 24, 1921	N-106 O-113	409 240
85308	Feb. 6	Objective-lens system	Apr. 4, 1919 June 21, 1921	Apr. 8, 1919 June 24, 1921	N-106 O-113	479 240
85309	Feb. 6	Field glasses	Apr. 4, 1919 June 21, 1921	Apr. 8, 1919 June 24, 1921	N-106 O-113	479 240
85310	Feb. 6	Field glasses	Apr. 4, 1919 June 21, 1921	Apr. 8, 1919 June 24, 1921	N-106 O-113	479 240
85539	Feb. 20	Certain optical goods	Apr. 4, 1919 June 21, 1921	Apr. 8, 1919 June 24, 1921	N-106 O-113	479 240
		T. M. 35.				
85549	Feb. 27	Derivatives of salicylic acid	Apr. 4, 1919	Apr. 8, 1919	R-106	452
86035	Apr. 9	Tapeworm remedy	Apr. 4, 1919	Apr. 8, 1919	V-106	458
86333	Apr. 30	Cement for filling teeth	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	U-106 Z-113	372 360
86601	May 21	Laxatives	Apr. 4, 1919	Apr. 8, 1919	M-106	465
86617	May 21	Glass tubes for water gages	Apr. 4, 1919	Apr. 8, 1919	U-106	371
86831	June 4	A remedy for diabetes	Apr. 4, 1919	Apr. 8, 1919	U-106	367
86848	June 4	Dyes	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	N-106 B-113	473 327
87050	June 25	Linomenes	Apr. 4, 1919	Apr. 8, 1919	H-106	496
87075	June 25	Certain measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	C-106	499
87097	June 25	Toilet soap	Apr. 4, 1919	Apr. 8, 1919	G-107	23
87164	July 2	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	L-106	398

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
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		T. M. 35—Continued.				
	1912					
87337	July 9	Bleaching preparations	Apr. 4, 1919	Apr. 8, 1919	C-106	490
87990	Aug. 20	Calculating and adding machines.	Apr. 4, 1919	Apr. 8, 1919	T-106	425
		T. M. 36.				
87991	Aug. 20	Calculating machines	Apr. 4, 1919	Apr. 8, 1919	T-106	425
88387	Sept. 10	Thomasphosphat	Apr. 4, 1919	Apr. 8, 1919	J-107	6
88454	Sept. 24	Salve for dermatological purposes.	Apr. 4, 1919	Apr. 8, 1919	J-107	3
88489	Sept 24	Preparations for use in removing printer's ink.	Apr. 4, 1919	Apr. 8, 1919	C-106	490
88517	Sept. 24	Toilet soap	Apr. 4, 1919	Apr. 8, 1919	G-107	23
88894	Oct. 29	A remedy for diseases of the skin.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
88896	Oct. 29	Remedy for diabetes	Apr. 4, 1919	Apr. 8, 1919	Q-106	426
89087	Nov. 12	White lead, red lead, orange mineral, and oxid of zinc.	Apr. 4, 1919	Apr. 8, 1919	N-106	469
89121	Nov. 12	A remedy for sleeplessness	Apr. 4, 1919	Apr. 8, 1919	M-106	461
89335	Dec. 10	Baking powder	Apr. 4, 1919	Apr. 8, 1919	R-106	451
89611	Dec 31	Leather preservatives, finishing and tanning agents.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
	1913					
89957	Jan. 21	An antiseptic solution of rosin for dressing and bandaging wounds.	Apr. 4, 1919	Apr. 8, 1919	T-106	415
		T. M. 37.				
90154	Feb. 11	Drop glasses	Apr. 4, 1919	Apr. 8, 1919	T-106	413
90256	Feb. 11	A product of the condensation of tannic acid with thymol.	Apr. 4, 1919	Apr. 8, 1919	J-106	431
90299	Feb. 18	Certain named photographic apparatus and supplies therefor.	Apr. 4, 1919	Apr. 8, 1919	H-106	494
90353	Feb. 18	Water-repelling preservative paints for certain named surfaces.	Apr. 4, 1919	Apr. 8, 1919	Q-106	423
90505	Mar. 4	Preparation of opium, both in liquid and solid form.	Apr. 4, 1919	Apr. 8, 1919	R-106	451
90712	Mar. 18	Salves for medical and hygienic purposes.	Apr. 4, 1919	Apr. 8, 1919	Q-106	424
90802	Mar. 25	Leucite phonolite (mineral manure).	Apr. 4, 1919	Apr. 8, 1919	T-106	421
90854	Mar. 25	A remedy for certain skin affections and other skin diseases.	Apr. 4, 1919	Apr. 8, 1919	V-106	457
90954	Apr. 8	Salves for dermatological purposes.	Apr. 4, 1919	Apr. 8, 1919	J-107	3
90967	Apr. 8	A remedy for nervous diseases	Apr. 4, 1919	Apr. 8, 1919	V-106	457
		T. M. 38.				
91540	May 6	Turpentine and turpentine compositions.	Apr. 4, 1919	Apr. 8, 1919	N-106	468
91584	May 13	Sensitized photographic paper and cardboard.	Apr. 4, 1919	Apr. 8, 1919	M-106	469
91647	May 20	A remedy for furunculosis and acne.	Apr. 4, 1919	Apr. 8, 1919	V-106	457
91659	May 20	Calculating and adding machines.	Apr. 4, 1919	Apr. 8, 1919	T-106	425
91685	May 20	Serum preparations in form for application to boils and similar afflictions.	Apr. 4, 1919	Apr. 8, 1919	G-107	19
92309	July 1	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	C-106	499
92537	July 15	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	H-106	492

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
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	1913	T. M. 38—Continued.				
92538	July 15	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	H-106	492
92621	July 22	Salves	Apr. 4, 1919	Apr. 8, 1919	J-107	3
92622	July 22	Mercurial preparation of all kinds for treatment of venereal maladies.	Apr. 4, 1919	Apr. 8 1919	J-107	3
		T. M. 39.				
92623	July 22	Salves	Apr. 4, 1919	Apr. 8, 1919	J-107	3
92716	July 22	Certain dental, medical and surgical appliances.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	U-106 Z-113	372 360
93037	Aug. 12	Disinfectants and antiseptics	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	B-106 V-113	499 327
93038	Aug. 12	Disinfectants and antiseptics	Apr. 4, 1919 June 29, 1921	Apr. 8, 1919 July 1, 1921	B-106 V-113	499 327
93220	Aug. 26	Certain chemicals, medicines, and pharmaceutical preparations.	Apr. 4, 1919	Apr. 8, 1919	J-107	5
93230	Aug. 26	Ointment and vulnerary powder.	Apr. 4, 1919	Apr. 8, 1919	L-106	397
93383	Sept. 9	An antisyphiliticum	Apr. 4, 1919	Apr. 8, 1919	J-106	430
93467	Sept. 16	Inorganic acids, sodium-bisulfate, potash and nitrate of soda and saccharin.	Apr. 4, 1919	Apr. 8, 1919	J-106	419
93577	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919 June 24, 1921	Apr. 8, 191 June 25, 1921	N-106 O-113	479 240
93578	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
		T. M. 40.				
93579	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
93580	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
93581	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
93582	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
93623	Sept. 30	Certain named optical goods	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
93646	Oct. 7	An antiseptic	Apr. 4, 1919	Apr. 8, 1919	Y-106	418
93670	Oct. 14	Certain remedies for treatment of certain diseases.	Apr. 4, 1919	Apr. 8, 1919	J-107	3
93730	Oct. 14	Tar colloids employed as a specific for diseases of the skin.	Apr. 4, 1919	Apr. 8, 1919	M-107	27
93784	Oct. 14	Coloring materials for painters' use.	Apr. 4, 1919	Apr. 8, 1919	F-107	14
93955	Oct. 28	Aniline dyes and other named chemicals.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
		T. M. 41.				
94062	Nov. 4	Laxative preparations	Apr. 4, 1919	Apr. 8, 1919	V-106	458
94372	Dec. 2	Artificial wood	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	Y-106 P-113	405 258
94409	Dec. 2	Objective lens systems	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
94591	Dec. 23	Chemical substances prepared for use in certain named purposes.	Apr. 4, 1919	Apr. 8, 1919	N-106	461
94620	Dec. 23	Mechanical respiratory apparatus and devices for administering oxygen.	Apr. 4, 1919	Apr. 8, 1919	F-106	458

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
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		T. M. 41—Continued.				
	1913					
94602	Dec. 23	A remedy for gonorrhea	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	J-107 C-113	1 322
94740	Dec. 30	Oil paints and water colors, paint and pigments therefor.	Apr. 4, 1919	Apr. 8, 1919	I-106	449
94783	Dec. 30	Agar preparations for bacteriological purposes.	Apr. 4, 1919	Apr. 8, 1919	V-106	458
	1914					
95007	Jan. 20	Medicinal nerve-sedative preparations.	Apr. 4, 1919	Apr. 8, 1919	G-107	17
95234	Feb. 10	A remedy employed as a sedative in cough and asthmatic ailments.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
		T. M. 42.				
95358	Feb. 10	Certain surgical sewing and ligation means, in a raw sterilised or prepared state.	Apr. 4, 1919	Apr. 8, 1919	J-106	429
95495	Feb. 17	Cholin preparations	Apr. 4, 1919	Apr. 8, 1919	F-107	13
95532	Feb. 24	Syringes	Apr. 4, 1919	Apr. 8, 1919	S-106	420
95782	Mar. 10	Paint for certain named materials and paste, preventing rust and tarnish.	Apr. 4, 1919	Apr. 8, 1919	K-106	477
95817	Mar. 17	Additions to discharges for printing textile material.	Apr. 4, 1919	Apr. 8, 1919	N-106	437
95977	Mar. 31	Soap	Apr. 4, 1919	Apr. 8, 1919	N-106	443
96316	Apr. 14	Dry paste, and ready-mixed paint and varnish.	Apr. 4, 1919	Apr. 8, 1919	I-106	448
96758	Apr. 28	A soporific preparation	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	F-107 C-113	17 327
96853	May 5	Coloring-matters and chemicals used in dyeing and printing.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
96854	May 5	Dyestuff and colors	Apr. 4, 1919	Apr. 8, 1919	N-106	457
96900	May 5	Double salt of narcotin and morphin.	Apr. 4, 1919	Apr. 8, 1919	R-106	432
		T. M. 43.				
97116	May 19	Yeast fat, the active principle of yeast as a remedy for boils, furunculosis, acne, and constipation.	Apr. 4, 1919	Apr. 8, 1919	R-106	432
97367	June 16	Solvents for cellulose esters, resins, and the like.	Apr. 4, 1919	Apr. 8, 1919	N-106	457
97930	June 23	Surveying, photographic, and optical apparatus.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
97950	June 30	Dye colors, dyes, and insecticides.	Apr. 4, 1919	Apr. 8, 1919	V-106	494
97979	June 30	Pharmaceutical preparations for skin diseases and women's diseases.	Apr. 4, 1919	Apr. 8, 1919	M-107	23
97997	June 30	Magnesium preparation	May 12, 1919	May 14, 1919	H-107	82
98099	June 30	Coloring matters for use as ingredients in food.	Apr. 4, 1919	Apr. 9, 1919	J-107	8
98211	July 7	Medicinal, dietetic, and pharmaceutical preparations of cod-liver oil and oil emulsions.	Apr. 4, 1919	Apr. 8, 1919	Y-106	427
98220	July 7	Coloring matters for use as ingredients in food.	Apr. 4, 1919	Apr. 8, 1919	J-107	8
98488	July 21	Hygienic and cosmetic preparations for the hair.	Apr. 4, 1919	Apr. 8, 1919	N-106	463

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
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		T. M. 44.				
	1914					
98488	July 21	Certain named medical and surgical instruments and appliances.	Apr. 4, 1919	Apr. 8, 1919	F-106	453
98489	July 21	Certain named medical and surgical instruments and appliances.	Apr. 4, 1919	Apr. 8, 1919	F-106	453
98581	July 21	Tanners' bark, quebracho bark, tanning extracts, corrosives, and catechu-tannic acid.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	K-106 T-113	478 301
98582	July 21	Tanners' bark, quebracho bark, tanning extracts, corrosives, and catechu-tannic acid preventive for leather.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	K-106 T-113	478 301
99024	Aug. 11	A medicinal preparation for the treatment of diabetes.	Apr. 4, 1919	Apr. 8, 1919	J-106	423
99025	Aug. 11	A medicinal preparation used in the treatment of certain-named diseases.	Apr. 4, 1919	Apr. 8, 1919	J-106	423
99273	Aug. 25	Positive black print paper	Apr. 4, 1919	Apr. 8, 1919	R-106	448
99331	Aug. 25	Linseed oil	Apr. 4, 1919	Apr. 8, 1919	I-106	449
99522	Sept. 15	Preparation for treating malaria and similar diseases and pneumococcus infection.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
		T. M. 45.				
100183	Oct. 6	Wafer capsules, tablets, or shells for administering medicines.	Apr. 4, 1919	Apr. 8, 1919	J-106	432
100408	Oct. 20	Tanning greases and oils	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	K-106 T-113	478 301
100487	Oct. 20	Perfumery, cosmetics, preparations for the hair, mouth, and teeth.	Apr. 4, 1919	Apr. 8, 1919	N-106	463
100491	Oct. 20	Surgical rubber goods, rubber teats and nipples, and rubber sponges.	Apr. 4, 1919	Apr. 8, 1919	R-106	447
100615	Oct. 20	Tanning greases and oils	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	K-106 T-113	478 301
100688	Oct. 20	Lenses for scientific use, prisms, etc.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
100689	Oct. 20	Lenses for scientific use, prisms, etc.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
100947	Nov. 3	Bandages	Apr. 4, 1919	Apr. 8, 1919	N-106	464
100962	Nov 3	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	F-106	454
100963	Nov. 3	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	F-106	454
		T. M. 46.				
100967	Nov. 3	Cameras	Apr. 4, 1919	Apr. 8, 1919	P-106	462
101014	Nov. 3	Oil colors in tubes and water colors.	Apr. 4, 1919	Apr. 8, 1919	J-106	434
101034	Nov. 10	Certain medicinal preparations for internal and external use.	Apr. 4, 1919	Apr. 8, 1919	L-106	394
101161	Nov. 17	Remedy for diabetes, furunculosis, gout, skin affections, leucorrhea, and constipation.	Apr. 4, 1919	Apr. 8, 1919	Y-106	413
	1915					
102054	Jan. 26	Solids, liquids, or pastes for washing and cleaning purposes.	Apr. 4, 1919	Apr. 8, 1919	Z-106	334
103249	Mar. 23	Artists' colors of all kinds	Apr. 4, 1919	Apr. 8, 1919	J-106	434
103250	Mar. 23	Oil and water colors, painters' oils and varnishes.	Apr. 4, 1919	Apr. 8, 1919	J-106	434

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
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		T. M. 46—Continued.				
	1915					
103380	Mar. 30	A preservative coating material.	Apr. 4, 1919	Apr. 8, 1919	H-106	497
103776	Apr. 13	Surgical and medical plasters	Apr. 4, 1919	Apr. 8, 1919	N-106	463
103900	Apr. 20	A remedy employed as a laxative and for the treatment of constipation.	Apr. 4, 1919	Apr. 8, 1919	M-106	461
		T. M. 47.				
104674	June 8	Alcohol-measuring apparatus and condenser water meters.	Apr. 4, 1919	Apr. 8, 1919	T-106	416
104930	June 29	Cleaning and polishing preparations for certain-named materials.	Apr. 4, 1919	Apr. 8, 1919	L-106	403
104992	June 29	Preparation containing radium and having radioactive properties.	Apr. 4, 1919	Apr. 8, 1919	J-106	427
105119	July 6	Certain named photographic supplies.	Apr. 4, 1919	Apr. 8, 1919	G-107	16
105313	July 20	Eyeglasses	Apr. 4, 1919	Apr. 8, 1919	R-106	461
106086	Oct. 12	Paints and varnishes for protection against atmospheric influences.	Apr. 4, 1919	Apr. 8, 1919	E-106	486
106131	Oct. 12	Certain named measuring and scientific appliances and parts thereof.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
106132	Oct. 12	Certain named measuring and scientific appliances and parts thereof.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	N-106 O-113	479 240
106213	Oct. 19	Remedies for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	V-106	461
106248	Oct. 19	Artificial corundum	Apr. 4, 1919	Apr. 8, 1919	I-106	452
		T. M. 48.				
106407	Oct. 19	Certain named manicure implements.	Apr. 4, 1919	Apr. 8, 1919	R-106	455
106473	Oct. 19	Certain named photographic apparatus and supplies.	Apr. 4, 1919	Apr. 8, 1919	G-107	16
107076	Nov. 9	Photographic cameras	Apr. 4, 1919	Apr. 8, 1919	P-106	462
107098	Nov. 9	Antiseptics for internal and external use.	Apr. 4, 1919	Apr. 8, 1919	U-106	374
107547	Dec. 7	A remedy for nervous diseases.	Apr. 4, 1919	Apr. 8, 1919	V-106	457
	1916					
108440	Feb. 8	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	G-107	20
108525	Feb. 15	Bandaging material	Apr. 4, 1919	Apr. 8, 1919	P-106	466
111674	July 25	Cement filling for teeth	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	U-106 Z-113	372 360
111849	Aug. 8	Certain named surgical and dental appliances.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	U-106 Z-113	372 360
111929	Aug. 15	Compositions for finishing textile fabrics.	Apr. 4, 1919	Apr. 8, 1919	S-106	414
114340	Dec. 12	Tanning substances	Apr. 4, 1919	Apr. 8, 1919	S-106	413
	1917					
119283	Nov. 13	Bates for leather industries	Apr. 4, 1919	Apr. 8, 1919	S-106	413
		49. Supplemental.				
	1885					
12511	Aug. 18	A remedy for certain indicated diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
	1886					
13802	Nov. 16	Medical preparation	(1)			

(1) Not demanded

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		49. Supplemental—Con.				
		T. M. 30—Continued.				
	1887					
14100	Feb. 22	Liquid gold and material for decorating and coloring earthenware, porcelain, and glass.	Apr. 4, 1919	Apr. 8, 1919	H-106	498
	1888					
15989	Nov. 6	A preparation of hyoscyamin known as duboisin.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
15990	Nov. 6	An alkaloid, to wit, oxytolhyl-tropein.	Apr. 8, 1919			
	1889					
17273	Dec. 17	Chemical substances and preparations used in photography.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
17325	Dec. 31	Chemical compounds derived from chloral.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
	1891					
18825	Jan. 13	Certain named chemicals	Apr. 4, 1919	Apr. 8, 1919	L-106	401
19064	Feb. 24	Ammonia preparations for medical purposes.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
		T. M. 1.				
19855	July 7	Ammonia derivatives	Apr. 4, 1919	Apr. 8, 1919	L-106	401
19856	July 7	Glococoll derivatives	Apr. 4, 1919	Apr. 8, 1919	L-106	401
20156	Sept 22	Basic gallate of bismuth	Apr. 4, 1919	Apr. 8, 1919	I-106	390
20452	Dec. 8	A remedy for fevers, tuberculosis, abscesses, and rheumatism.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
20518	Dec 29	Chemical preparations for use in photography.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
	1892					
20617	Jan. 19	A remedy for phthisic	Apr. 4, 1919	Apr. 8, 1919	I-106	390
20618	Jan. 19	A remedy for phthisic	Apr. 4, 1919	Apr. 8, 1919	I-106	390
22155	Dec. 13	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
22154	Dec. 13	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
	1893					
22375	Jan. 24	Remedies for cancerous diseases.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
		T. M. 2.				
23530	Aug. 22	Preparations of iron derived from animal matter, known as physiological iron preparations.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
23531	Aug. 22	Preparations of iron derived from animal matter, known as physiological iron preparations.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
23533	Aug. 22	Therapeutic remedies	Apr. 4, 1919	Apr. 8, 1919	L-106	401
23534	Aug. 22	Medicinal agents for nervous diseases and a febrifuge.	June 28, 1921 Apr. 8, 1919	July 1, 1921 Apr. 9, 1919	S-113 N-106	298 490
23536	Aug. 22	Whooping cough and asthmatic diseases.	June 28, 1921 Apr. 8, 1919	July 1, 1921 Apr. 9, 1919	S-113 N-106	298 490
23537	Aug. 22	Remedies for cancerous diseases.	June 28, 1921 Apr. 8, 1919	July 1, 1921 Apr. 9, 1919	S-113 N-106	298 490
23629	Sept 19	Germicides, disinfectants, and other deodorizing preparations.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
	1894					
24093	Jan. 23	Medicinal agents for use in nervous diseases as a febrifuge and soporific.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298

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		49. Supplemental—Con.				
		T. M. 2—Continued.				
	1894					
24094	Jan. 23	Medicinal agents for use in urinary diseases.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
24188	Feb. 6	Antiseptics	Apr. 4, 1919	Apr. 8, 1919	L-106	401
		T. M. 3.				
24418	Mar. 27	Chemical and pharmaceutical preparations.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
	1895					
26020	Feb. 12	A remedy for wounds	Apr. 4, 1919	Apr. 8, 1919	I-106	390
26022	Feb. 12	A remedy for fever and whooping cough.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
26155	Mar. 5	Photographic and chemical products.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
27257	Nov. 19	Ammonia preparations	Apr. 4, 1919	Apr. 8, 1919	L-106	401
27388	Dec. 3	Soporifics	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
27389	Dec. 3	Soporifics	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
	1896					
28431	June 23	A chemical preparation	Apr. 4, 1919	Apr. 8, 1919	L-106	401
28438	June 23	Anesthetics	Apr. 4, 1919	Apr. 8, 1919	L-106	401
	1897					
29658	Mar. 9	Chemicals having a narcotic influence.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
29914	Apr. 27	Antiseptics and antipyretics	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
		T. M. 4.				
29995	May 11	Medicinal chemicals	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
30078	May 25	Medicinal chemicals acting as internal and external astringent disinfectants.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
30140	June 8	Chemicals acting as intestinal astringents and antiseptics.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
	1898					
31337	Mar. 1	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
32002	Sept. 27	A chemical and medicinal preparation.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
32003	Sept. 27	A chemical and medicinal preparation.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
32177	Nov. 22	Cure for consumption	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	M-107 I-113	20 305
32178	Nov. 22	Cure for consumption	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	M-107 I-113	20 305
32209	Dec. 6	Dyestuffs applicable in coloring and printing processes.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
32210	Dec. 6	A local anesthetic for ophthalmological purposes.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
		T. M. 5.				
32211	Dec. 6	An albumin compound containing phosphorus.	Apr. 4, 1919 June 28, 1921	Apr. 8, 1919 July 1, 1921	I-106 G-113	390 284
32212	Dec. 6	Artificial dung	Apr. 4, 1919	Apr. 8, 1919	I-106	390
32213	Dec. 6	Medicine for wounds	Apr. 4, 1919	Apr. 8, 1919	I-106	390
32214	Dec. 6	A remedy for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
32215	Dec. 6	A remedy for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
32216	Dec. 6	A remedy for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390

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		49. Supplemental—Con.				
	1898	T. M. 5—Continued.				
32287	Dec. 27	Cure for consumption	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	M-107 I-113	20 305
	1899					
32529	Feb. 21	Certain named chemical substances.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
32530	Feb. 21	Certain named chemical substances.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
32531	Feb. 21	Certain named chemical substances.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
32532	Feb. 21	Certain named chemical substances.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
		T. M. 6.				
32737	Apr. 18	Certain named medicinal chemicals.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
33153	June 27	Perfumes	Apr. 4, 1919	Apr. 8, 1919	E-106	483
33154	June 27	Perfumes	Apr. 4, 1919	Apr. 8, 1919	E-106	483
33417	Aug. 29	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
33418	Aug. 29	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
33504	Oct. 3	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	L-106	401
	1900					
34318	Mar. 13	A medicine for certain named purposes.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
34420	Apr. 3	Certain named medical compounds.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
34741	June 5	Metabolic product of tubercle bacilli.	Apr. 8, 1919 June 28, 1921	Apr. 9, 1919 July 1, 1921	N-106 S-113	490 298
35341	Dec. 4	Alkamine derivatives	Apr. 4, 1919	Apr. 8, 1919	L-106	401
35867	Dec. 25	A chemical compound for purifying acetylene.	Apr. 4, 1919	Apr. 8, 1919	H-106	498
		T. M. 7.				
	1902					
37736	Feb. 4	Mercury preparations	Apr. 4, 1919	Apr. 8, 1919	L-106	401
37916	Mar. 11	Photographic plates and films	Apr. 4, 1919	Apr. 8, 1919	E-106	483
38800	Aug. 19	Certain named medical compounds.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
38950	Sept. 30	Films, plates, and photographic papers.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
38951	Sept. 30	Coal-tar dyestuffs	Apr. 4, 1919	Apr. 8, 1919	E-106	483
39367	Nov. 25	Pharmaceutical products for certain named purposes.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
	1903					
40137	Apr. 21	Certain named photographic goods.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
40259	May 5	Photographic developing preparation	Apr. 4, 1919	Apr. 8, 1919	I-106	390
40680	June 30	Remedy for stomachic disturbances.	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	M-107 I-113	20 305
41254	Oct. 6	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
	1904					
41837	Jan. 12	Dyes	Apr. 4, 1919	Apr. 8, 1919	I-106	390
		T. M. 8.				
42988	July 12	Disinfecting and deodorizing agents.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
43029	July 19	Purgatives	Apr. 4, 1919	Apr. 8, 1919	L-106	401
43189	Aug. 16	Certain named medical substances.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
43418	Sept. 27	Certain named pharmaceutical products.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
43419	Sept. 27	Certain named therapeutic agents.	Apr. 4, 1919	Apr. 8, 1919	L-106	401

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		49. Supplemental—Con.				
		T. M. 8.—Continued.				
	1904					
43539	Oct. 18	Treatment of certain named diseases, etc.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
43628	Nov. 1	Certain named medical compounds.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
43656	Nov. 8	Soporifics	Apr. 4, 1919 June 24, 1921	Apr. 8, 1919 June 25, 1921	M-107 I-113	20 305
43705	Nov. 15	Dyes and chemical preparations for dyeing purposes.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
	1905					
44147	Feb. 7	A solution of hydrogen peroxid in water.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
	1906					
48756	Jan. 9	Dipropyl barbituric acid	Apr 8, 1919	Apr. 9, 1919	N-106	490
		T. M. 9.				
49160	Jan. 23	A soluble thiosinamine compound for medicinal use.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
52135	May 1	Antiseptics and deodorants	Apr. 4, 1919	Apr. 8, 1919	I-106	390
53072	May 22	Anesthetics	Apr. 4, 1919	Apr. 8, 1919	I-106	390
54566	June 26	An internal remedy being a diuretic medicine.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
54995	Aug. 7	A serum	Apr. 8, 1919	Apr. 9, 1919	N-106	490
55744	Aug. 21	Anesthetics	Apr. 4, 1919	Apr. 8, 1919	I-106	390
58733	Dec. 25	Perfumes	Apr. 4, 1919	Apr. 8, 1919	E-106	483
58734	Dec. 25	Perfumes	Apr. 4, 1919	Apr. 8, 1919	E-106	483
58735	Dec. 25	Remedies for nerve weakness and sexual neurasthenia.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
	1907					
59094	Jan. 1	Certain named chemicals	Apr. 4, 1919	Apr. 8, 1919	L-106	401
59160	Jan. 1	Remedy for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
		T. M. 10.				
59161	Jan. 1	Certain named medicines	Apr. 4, 1919	Apr. 8, 1919	I-106	390
59185	Jan. 1	An antiseptic	Apr. 4, 1919	Apr. 8, 1919	I-106	390
59186	Jan. 1	Remedy for fever and whooping-cough.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
59290	Jan. 1	Albumin compound containing phosphorus.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
60467	Feb. 12	Photographic plates and films	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60585	Feb. 12	Wool dyes	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60586	Feb. 12	Coal-tar dyestuffs	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60587	Feb. 12	Dyes and chemical preparations for dyeing purposes.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60588	Feb. 12	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60589	Feb. 12	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60590	Feb. 12	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60591	Feb. 12	Certain chemical substances	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60592	Feb. 12	Certain chemical substances	Apr. 4, 1919	Apr. 8, 1919	E-106	483
		T. M. 11.				
60714	Feb. 19	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60783	Feb. 19	An internal remedy for dieting purposes.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60784	Feb. 19	Intestinal astringents	Apr. 4, 1919	Apr. 8, 1919	E-106	483
60785	Feb. 19	Sedatives	Apr. 4, 1919	Apr. 8, 1919	E-106	483
61677	Apr. 2	Films, plates, and photographic papers.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
61920	Apr. 9	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
62033	Apr. 16	External medicinal preparations for the skin.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
62034	Apr. 16	Certain medicinal preparations	Apr. 4, 1919	Apr. 8, 1919	E-106	483
62086	Apr. 16	Coal-tar dyestuffs	Apr. 4. 9119	Apr, 8, 1919	E-106	483

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		49. Supplemental—Con.				
		T. M. 11.—Continued.				
	1907					
62087	Apr. 16	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	E-106	483
62108	Apr. 16	Dyes	Apr. 4, 1919	Apr. 8, 1919	I-106	390
62109	Apr. 16	Dyestuffs applicable in coloring and printing processes.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
62674	May 21	Hair-dyeing preparations	Apr. 4, 1919	Apr. 8, 1919	E-106	483
		T. M. 12.				
62707	May 21	Coal-tar dyestuffs	Apr. 4, 1919	Apr. 8, 1919	E-106	483
62708	May 21	Coal-tar dyestuffs	Apr. 4, 1919	Apr. 8, 1919	E-106	483
62741	May 21	Films, plates, and photographic papers.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
62966	June 4	An astringent and hemostatic	Apr. 4, 1919	Apr. 8, 1919	I-106	390
63778	July 9	Coal-tar colors, including artificial indigo.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
64994	Sept. 3	Synthetic medicines and preparations made therefrom.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
64995	Sept. 3	Perfumeries	Apr. 4, 1919	Apr. 8, 1919	E-106	483
65165	Sept. 10	Benzoylguaiacol	Apr. 4, 1919	Apr. 8, 1919	I-106	390
65177	Sept. 10	Certain medicines	Apr. 4, 1919	Apr. 8, 1919	I-106	390
65287	Sept. 17	Anesthetics	Apr. 4, 1919	Apr. 8, 1919	E-106	483
65291	Sept. 17	Certain medicines	Apr. 4, 1919	Apr. 8, 1919	L-106	401
65624	Oct. 15	An antiseptic and disinfectant substance.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
65625	Oct 15	A product of formaldehyde	Apr. 4, 1919	Apr. 8, 1919	L-106	401
		T. M. 13.				
65626	Oct. 15	Antiseptics, deodorants, and disinfectants.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
65721	Oct. 22	Medicine for fever	Apr. 4, 1919	Apr. 8, 1919	I-106	390
66068	Nov. 5	Disinfecting and deodorizing apparatus.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
	1908					
67287	Jan. 28	Photographic developing substance.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
67288	Jan. 28	Photographic developing substances.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
67391	Feb. 4	Antiseptic remedies for the treatment of urinary passages	Apr. 4, 1919	Apr. 8, 1919	L-106	401
67619	Feb. 11	A solution of hydrogen peroxid in water.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
67963	Mar. 3	An internal remedy for urinary diseases.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
68111	Mar. 10	A derivative or a substitute for ergot.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
69205	May 26	Remedies for certain diseases	Apr. 4, 1919	Apr. 8, 1919	E-106	483
69208	May 26	A certain pharmaceutical preparation.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
69560	June 23	A medicinal powder	Apr. 4, 1919	Apr. 8, 1919	I-106	390
69267	June 2	A solution of hydrogen peroxid in water.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
		T. M. 14.				
71910	Dec. 22	A remedy for hog plague	Apr. 8, 1919	Apr. 9, 1919	N-106	490
	1909					
72716	Feb. 16	Remedy for leprosy	Apr. 4, 1919	Apr. 8, 1919	M-107	20
74280	June 29	Medical compound	Apr. 4, 1919	Apr. 8, 1919	I-106	390
75046	Aug. 31	A remedy for certain diseases	Apr. 4, 1919	Apr. 8, 1919	I-106	390
75616	Oct. 26	Hypnotics	Apr. 4, 1919	Apr. 8, 1919	L-106	401
	1910					
78468	Jan. 18	Sedative substances	Apr. 4, 1919	Apr. 8, 1919	L-106	401

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		49. Supplemental—Con.				
		T. M. 14—Continued.				
	1910					
76542	Jan. 25	Photographic developing substances.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
78598	June 28	Capsules and tablets of medicaments.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
78758	July 12	Medicines and pharmaceutical preparations.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
79969	Oct. 25	Remedy for certain diseases	Apr. 4, 1919	Apr. 8, 1919	I-106	390
80115	Nov. 8	Remedy for certain diseases	Apr. 4, 1919	Apr. 8, 1919	I-106	390
	1911					
80761	Jan. 31	Silver preparations for medicinal purposes.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
80861	Feb. 7	Certain chemicals	Apr. 8, 1919	Apr. 9, 1919	N-106	490
		T. M. 15.				
81062	Feb. 28	Remedy for the nerves of the brain.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
81388	Apr. 4	A medicinal powder	Apr. 4, 1919	Apr. 8, 1919	I-106	390
81507	Apr. 18	Chemical products for the production of galvanic bath solutions.	Apr. 4, 1919 July 17, 1919	Apr. 8, 1919 July 22, 1919	L-106 X-107	401 423
82283	June 20	A remedy for ophthalmic disorders and diseases of the urogenital system.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
84595	Dec. 26	Photographic toning preparations.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
	1912					
86317	July 9	Remedies for the treatment of gout and rheumatism.	(a)			
87768	June 4	Wound-healing remedies	(a)			
87041	June 25	Remedies for the treatment of gout and rheumatism.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
87135	July 2	Pharmaceutical preparations containing fuller's earth.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
87187	July 2	A nutritious and entirely digestible carbon hydrate for diabetes.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
87188	July 2	An internal antiseptic for the uropoietic system.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
88242	Sept. 10	Purgatives	Apr. 4, 1919	Apr. 8, 1919	L-106	401
		T. M. 16.				
88478	Sept. 24	An antipyretic, antineuralgic, and sedative.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
88562	Oct. 1	An antipyretic, antineuralgic, and sedative.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
88563	Oct. 1	An antipyretic, antineuralgic, and sedative.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
88564	Oct. 1	An antipyretic, antineuralgic, and sedative.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
88862	Oct. 29	A remedy for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
89100	Nov. 12	Antiarthriticum for treating and preventing arthritis and predisposition of lithuria.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
89101	Nov. 12	An officious tonic for heart and uterus.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
89119	Nov. 12	Preparation for treatment of wounds.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
89595	Dec. 31	Solvents for resins, oils, natural or artificial perfumes.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
	1913					
89917	Jan. 21	An internal antiseptic for the uropoietical system.	Apr. 4, 1919	Apr. 8, 1919	I-106	390

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		49. Supplemental—Con.				
		T. M. 17.				
	1913					
90161	Feb. 11	Remedies for the treatment of gout and rheumatism.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
90076	Apr. 8	Bacterial preparation used as a remedy for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
91183	Apr. 22	Dyestuffs for dyeing and printing purposes.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
91218	Apr. 22	Preparation in certain forms for treatment of certain diseases.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
91499	May 6	A compound of quinin and diethylbarbituric acid prepared for pharmaceutical use.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
91680	May 20	N-monodibromopropyl-C. C-diethylbarbituric acid, prepared for pharmaceutical use.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
91764	May 27	A chemical or biological reagent for certain named purposes.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
91878	June 3	Preparation to be used in the textile industry.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
92992	Aug. 12	Preparation for the treatment of wounds.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
		T. M. 18.				
93794	Oct. 21	Insect-destroying preparations.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
93861	Oct. 21	Ointment preparation containing colloidal palladium and platinum salts.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
94061	Nov. 4	Remedies for the treatment of gout and rheumatism.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
94244	Nov. 18	Preparation for the treatment of wounds.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
	1914					
94819	Jan. 6	A preparation for reducing inflammation of the skin and promoting granulations.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
94820	Jan. 6	Antiseptic chemical preservative, sanitary paints or dressings for certain materials.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
94997	Jan. 20	Certain compounds in certain forms used as disinfectants.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
95250	Feb. 3	Powder for use as a remedy for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
95311	Feb. 10	Certain named preparations for dyeing and printing purposes.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
		T. M. 19.				
95989	Mar. 31	Paints for retouching and coloring photographic pictures.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
98479	July 21	Remedies for the treatment of gout and rheumatism.	Apr. 4, 1919	Apr. 8, 1919	L-106	401
99470	Sept. 1	Bacilli preparations for the treatment of tuberculosis and other infectious diseases.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
100071	Oct. 6	Remedy for certain named diseases.	Apr. 4, 1919	Apr. 8, 1919	E-106	483
100983	Nov. 3	Preparation for the treatment of syphilis, lupus, scrofula, and cutaneous diseases.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
	1915					
102332	Feb. 9	A carcinoma extract to be used in the treatment of malignant tumors.	Apr. 4, 1919	Apr. 8, 1919	I-106	390

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		49. Supplemental—Con.				
		T. M. 19—Continued.				
102333	1915 Feb. 9	A sarcoma extract to be used in the treatment of malignant tumors.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
102602	Feb. 16	A patent product for the preparation of medicines intended for the treatment of tuberculosis.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
102603	Feb. 16	A sterilised solution of 2.5 per cent strength of a preparation for the treatment of tuberculosis.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
		T. M. 20.				
103758	Apr. 13	Hydrogen peroxid in solid form and rendered stable, prepared for pharmaceutical use.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
105811	Aug. 17	Remedy for gouty and rheumatic diseases and neuralgic affections.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
106308	Oct. 19	Remedy against syphilis, sleeping sickness, trypanosomiasis and other tropical infectious diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
107489	Dec. 7	Hypnotic and sedative preparations.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
109160	1916 Mar. 21	Remedy for gouty and rheumatic diseases and neuralgic affections.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
112878	Oct. 3	Basic gallate of bismuth, a substitute for iodoform, used in certain named forms.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
115747	1917 Mar. 6	Chemical compound having bactericide action and being particularly useful for the treatment of gonorrhea.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
115884	Mar. 20	Chemical compound used for the treatment of tuberculosis diseases.	Apr. 4, 1919	Apr. 8, 1919	I-106	390
		T. M. 21.				
		Supplemental No. 2.				
15086	1888 Nov. 6	A soporific preparation containing carbon, hydrogen and oxygen.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
16309	1889 Feb. 26	A new hypnotic	Apr. 8, 1919	Apr. 9, 1919	M-106	488
16310	Feb. 26	A new hypnotic	Apr. 8, 1919	Apr. 9, 1919	M-106	488
16311	Feb. 26	A new hypnotic	Apr. 8, 1919	Apr. 9, 1919	M-106	488
16392	Mar. 19	Febrifuges or fever curatives	Apr. 8, 1919	Apr. 9, 1919	M-106	488
16468	Apr. 9	A soporific preparation	Apr. 8, 1919	Apr. 9, 1919	M-106	488
20487	1891 Dec. 22	Dyestuffs	Apr. 8, 1919	Apr. 9, 1919	M-106	488
20488	Dec. 22	Dyestuffs	Apr. 8, 1919	Apr. 9, 1919	M-106	488
20489	Dec. 22	Dyestuffs	Apr. 8, 1919	Apr. 9, 1919	M-106	488
20490	Dec. 22	Dyestuffs	Apr. 8, 1919	Apr. 9, 1919	M-106	488
20491	Dec. 22	Dyestuffs	Apr. 8, 1919	Apr. 9, 1919	M-106	488
		T. M. 1.				
20492	Dec. 22	Dyestuffs	Apr. 8, 1919	Apr. 9, 1919	M-106	488

No.	Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
		Supplemental No. 2.—Con.				
		T. M. 1—Continued.				
	1891					
20493	Dec. 22	Dyestuffs	Apr. 8, 1919	Apr. 9, 1919	M-106	488
	1893					
23606	Sept. 12	An antiseptic for destroying insects, fungi and the like.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
23823	Nov. 14	Pharmaceutical or dietetical compounds.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
	1896					
28432	June 23	Dyestuffs	Apr. 8, 1919	Apr. 9, 1919	M-106	488
28502	June 30	A pharmaceutical product used as a substitute for sugar.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
29314	Dec. 15	A substitute for sugar	Apr. 8, 1919	Apr. 9, 1919	M-106	488
29323	Dec. 15	Dyestuffs	Apr. 8, 1919	Apr. 9, 1919	M-106	488
	1897					
29406	Jan. 5	An extract of thyroid glands for use in obesity and cutaneous affections.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
	1898					
31386	Mar. 8	A scientific food and iron preparation.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
		T. M. 2.				
31387	Mar. 8	A scientific food and weak astringent.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
31388	Mar. 8	A scientific food and weak astringent.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
31389	Mar. 8	A scientific food and iron preparation.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
31409	Mar. 8	An artificial fertilizer	Apr. 8, 1919	Apr. 9, 1919	M-106	488
31422	Mar. 15	Coloring matter or dyestuffs and medical compounds.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
	1907					
61715	Apr. 2	Fire extinguishing compounds	Apr. 8, 1919	Apr. 8, 1919	K-106	474
	1908					
67669	Feb. 11	Substitute for shellac for the preparation of furniture polish and spirit lakes.	Apr. 8, 1919	Apr. 9, 1919	M-106	488
		T. M. 3.—Schedule D.				

Said instrument dated April 10, 1919, was also recorded in the United States Copyright Office, Library of Congress, on April 15, 1919, in book 81, page 181, a copy of which instrument is set out in Exhibit H-1 attached to this bill of complaint, and also enumerated the following copyrights:

No. (A–Foreign).	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919	1919		
1425	June 15, 1910	"Hutte Taschenbuch für Eisenhütten-Leute."	Apr. 7	Apr. 8	81	106-107
1967	Nov. 3, 1910	"Themen der physikalischen Chemie, etc."	Apr. 7	Apr. 8	81	75-76
2862	Mar. 15, 1911	"Die neue Welt der flüssigen Kristalle und deren bedeutung für Physik, etc."	Apr. 7	Apr. 8	81	75-76
4121	Oct. 5, 1911	"Theorie und Praxis der massanalyse, etc."	Apr. 7	Apr. 8	81	75-76
4632	Nov. 25, 1911	"Das Eisenhuttenwesen, etc."	Apr. 7	Apr. 8	81	75-76
9217	July 5, 1913	"Geschichte der Chemie, etc."	Apr. 7	Apr. 8	81	75-76
9916	Sept. 25, 1913	"Der Stärkesucker, etc."	Apr. 7	Apr. 8	81	75-76
13920	Sept. 30, 1915	"Chemie der Hefe und der alkoholischen Gärung, etc."	Apr. 7	Apr. 8	81	75-76
3698	Sept. 6, 1911	"Chemie der Gase."	Apr. 7	Apr. 8	81	77-78
626[1]	Nov. 30, 1909	"Die Entwecklung der Elektrochemie in gemeinverständlicher Darstellung, etc."	Apr. 7	June 30	81	79-81
1052[1]	Mar. 9, 1910	"Elemente der theoretischen Physik, etc."	Apr. 7	June 30	81	79-81
1059[1]	Mar. 9, 1910	"Lexikon der anorganischen Verbindungen, etc."	Apr. 7	June 30	81	79-81
1521[1]	July 1, 1910	"Theorie der Kinematographischen Projektionen, etc."	Apr. 7	June 30	81	79-81
2114[1]	Nov. 11, 1910	"Hamolysine, Zytotoxine und Prazipitine, etc."	Apr. 7	June 30	81	79-81
2313[1]	Jan. 3, 1911	"Einzelschriften zur chemischen Technologie, etc."	Apr. 7	June 30	81	79-81
2315[1]	Dec. 23, 1910	"Lehrbuch der Experimentalphysik, etc."	Apr. 7	June 30	81	79-81
3584[1]	Aug. 11, 1911	"Chemische Technologie der organischen Farbstoffe, etc."	Apr. 7	June 30	81	79-81
4743[1]	Aug. 30, 1911	"Thermodynamik der Atmosphäre, etc."	Apr. 7	June 30	81	79-81
4747[1]	Aug. 30, 1911	"Fernoptik, etc."	Apr. 7	June 30	81	79-81
7649[1]	Apr. 4, 1913	"Lehrbuch der Röntgenkunde, etc."	Apr. 7	June 30	81	79-81
9100[1]	Sept. 4, 1913	"Einführung in die Elektrotechnik, etc."	Apr. 7	June 30	81	79-81
9105[1]	July 29, 1913	"Die Physik der bewegten Materie und die Relativitätstheorie, etc."	Apr. 7	June 30	81	79-81
12257[1]	Sept. 1, 1914	"Korrelative beziehungen zwischen elementaren Vergleichsleistungen, etc."	Apr. 7	June 30	81	79-81
13307[1]	Jan. 2, 1915	"Gundriss der allgemeinen Warenkunde, etc."	Apr. 7	June 30	81	79-81
192	July 5, 1909	"Anleitung zu den analytisch-chemischen Übungen für Anfänger, etc."	Apr. 7	Apr. 8	81	122-125
259	Sept. 15, 1909	"Metallographie, etc."	Apr. 7	Apr. 8	81	122-125
313	Oct. 27, 1909	"Botanisch-mikroskopisches Praktikum für Anfänger, etc."	Apr. 7	Apr. 8	81	122-125

[1]These copyrights were demanded April 7, 1919, and the demands were received for record in the Copyright Office on April 8, 1919, and the seal of the office was not affixed to the demands until June 30, 1919.

No. (A–Foreign.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording	Book.	Page.
			1919	1919		
572	Oct. 18, 1909	"Lehre von den Erzlagerstätten, etc."	Apr. 7	Apr. 8	81	122–125
1468	July 1, 1910	"Die Chemie der Cellulose unter besonderer berücksichtigung der Textil-und Zellstoffindustrien, etc.," volume 1.	Apr. 7	Apr. 8	81	122–125
1535	July 12, 1910	"Die Entstehung der Steinkohle und der Kaustobiolithe, etc."	Apr. 7	Apr. 8	81	122–125
1906	Oct. 29, 1910	"Die Kristallinen Schiefer, etc."	Apr. 7	Apr. 8	81	122–125
2575	Feb. 27, 1911	"Die wichtigsten Lagerstätten der Nicht-erze."	Apr. 7	Apr. 8	81	122–125
3073	May 11, 1911	"Einführung in die Mykologie der Nahrungsmittelgewerbe, etc."	Apr. 7	Apr. 8	81	122–125
3802	Oct. 1, 1911	"Kalorimetrische Methodik, etc."	Apr. 7	Apr. 8	81	122–125
3803	Oct. 1, 1911	"Einfuhrung in die Mykologie der Genussmittel und in Gärungs-physiologie."	Apr. 7	Apr. 8	81	122–125
3975	Nov. 1, 1911	"Chemisch-technisches Praktikum, etc."	Apr. 7	Apr. 8	81	122–125
4528	Dec. 14, 1911	"Magnetochemie, etc."	Apr. 7	Apr. 8	81	122–125
4531	Dec. 14, 1911	"Die Chemie der Cellulose unter besonderer berucksichtigung der Textil-und Zellstoffindustrien, etc.," volume 2.	Apr. 7	Apr. 8	81	122–125
5154	Apr. 1, 1912	"Mikroskopisches Praktikum für systematische Botanik," volume 1.	Apr. 7	Apr. 8	81	122–125
6444	Oct. 22, 1912	"Lehrbuchder Grund wasser-und Quellenkunde für Geologen, etc."	Apr. 7	Apr. 8	81	122–125
6458	Oct. 22, 1912	"Pflanzenwachstum und Kalk-mangel im Boden, etc."	Apr. 7	Apr. 8	81	122–125
7076	Jan. 25, 1913	"Statische und Kinetische Kristall-theorien."	Apr. 7	Apr. 8	81	122–125
8778	Nov. 1, 1913	"Chemische Technologie der Ge-spinstfasern."	Apr. 7	Apr. 8	81	122–125
11137	July 8, 1914	"Die chemischen Arzneimittel der letzten 113 Jahre, etc."	Apr. 7	Apr. 8	81	122–125
12127	Jan. 4, 1915	"Einführung in die Metallographie und Wärmebehandlung nebst einer Sammlung von Gefügebildern."	Apr. 7	Apr. 8	81	122–125
12128	Nov. 7, 1914	"Lehrbuch der Chemie, etc."	Apr. 7	Apr. 8	81	122–125
3434	July 1, 1911	"Die Erzlagerstätten der Vereinig-ten Staaten von Nordamerika, etc."	Apr. 7	Apr. 8	81	84–87
3989	Nov. 4, 1911	"Lehrbuch der Leuchtgasindustrie, etc."	Apr. 7	Apr. 8	81	84–87
5151	Mar. 12, 1912	"Die Ketene"	Apr. 7	Apr. 8	81	84–87
5152	Mar. 12, 1912	"Leitfaden der anorganischen und organischen Chemie, etc."	Apr. 7	Apr. 8	81	84–87
5202	Apr. 13, 1912	"Die Spezialstähle"	Apr. 7	Apr. 8	81	84–87
5646	Apr. 20, 1912	"Lehrbuch der Mineralogie"	Apr. 7	Apr. 8	81	84–87
5737	June 22, 1912	"Paul Drudes Physik des Aethers auf elektromagnetischer Grund-lage."	Apr. 7	Apr. 8	81	84–87
5738	June 22, 1912	"Leitfaden der theoretischen Chemie, etc."	Apr. 7	Apr. 8	81	84–87
5754	July 13, 1912	"Ueber Katalytische Reduktionen organischer verbindungen."	Apr. 7	Apr. 8	81	84–87
5755	July 6, 1912	"Die Analyse der seltenen Erden und der Erdsäuren."	Apr. 7	Apr. 8	81	84–87

No. (A—Foreign).	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording	Book	Page.
			1919.	1919.		
6808	Sept. 14, 1912	"Industrielle Chemie unter mitarbeit."	Apr. 7	Apr. 8	81	84-87
6812	Sept. 21, 1912	"Spektrochemie Organischer verbindungen."	Apr. 7	Apr. 8	81	84-87
6813	Oct. 19, 1912	"Theorie, Berechnung und Untersuchung von Transformatoren."	Apr. 7	Apr. 8	81	84-87
8252	July 8, 1913	"Handbuch der organischen Arsenverbindungen."	Apr. 7	Apr. 8	81	84-87
8253	July 8, 1913	"Die Nutzbaren Mineralien, etc."	Apr. 7	Apr. 8	81	84-87
8291	July 18, 1913	"Die Hydrazine"	Apr. 7	Apr. 8	81	84-87
8762	Oct. 11, 1913	"Handbuch der präparativen Chemie, etc.," volume 1.	Apr. 7	Apr. 8	81	84-87
9130	Nov. 15, 1913	"Lehrbuch der Erz-und Steinkohlenaufbereitung."	Apr. 7	Apr. 8	81	84-87
12378	Nov. 7, 1914	"Die 32 kristallographischen Symmetrieklassen und ihre einfachen Formen."	Apr. 7	Apr. 8	81	122-125
13296	July 1, 1915	"Die mikroskopische Untersuchung der Erzlagerstätten."	Apr. 7	Apr. 8	81	122-125
13297	July 1, 1915	"Grundlagen der physikalischchemischen Petrographie."	Apr. 7	Apr. 8	81	122-125
2602	Feb. 13, 1911	"Metallkunde, etc."	Apr. 7	Apr. 8	81	82-83
12470	July 23, 1914	"Die Illustrationsverfahren etc."	Apr. 7	Apr. 8	81	88-89
1850	Oct. 13, 1910	"Theorie und Praxis der Grossgasindustrie."	Apr. 7	Apr. 8	81	108-109
9184	July 10, 1913	"Lehrbuch der chemischen Technologie der Gespinstfasern."	Apr. 7	Apr. 8	81	90-91
12170	Dec. 18, 1914	"Die Künstlichen Edelsteine, etc."	Apr. 7	Apr. 8	81	92-93
5390	Mar. 27, 1912	"Lehrbuch der Eisen-und Stahlgiesserei, etc."	Apr. 7	Apr. 8	81	68-70
7261	Nov 29, 1912	"Über die Verwendung des Holzes zu Pflasterzwecken in den grossstädten Europas und Australiens, etc."	Apr. 7	Apr. 8	81	68-70
8218	Feb. 14, 1913	"Grundzüge der Elektrotechnik"	Apr. 7	Apr. 8	81	68-70
9189	June 6, 1913	"Lehrbuch der Eisen-und Stahlgiesserei, etc."	Apr. 7	Apr. 8	81	68-70
10177	Feb. 6, 1914	"Die Technik der Vorzeit, etc."	Apr. 7	Apr. 8	81	68-70
10186	Mar. 4, 1914	"Kristallberechnung und Kristallzeichnung, etc."	Apr. 7	Apr. 8	81	68-70
11180	June 19, 1914	"Über Schleppkraft und Geschiebebewegung."	Apr. 7	Apr. 8	81	68-70
13286	Oct. 23, 1914	"Handbuch des Wasserbaues, etc."	Apr. 7	Apr. 8	81	68-70
13316	July 17, 1914	"Vorlesungen über Wasserkraftmaschinen."	Apr. 7	Apr. 8	81	68-70
9322	Nov. 22, 1913	"Die Bestimmungsmethoden des Nickels und Kobalts, etc."	Apr. 7	Apr. 8	81	84-87
9979	Feb. 7, 1914	"Das Triphenylmethyl"	Apr. 7	Apr. 8	81	84-87
10365	Apr. 4, 1914	"Theoretische and praktische Einführung in die allgemeine Elektrotechnik, etc."	Apr. 7	Apr. 8	81	84-87
10375	Mar. 21, 1914	"Die Bestimmungsmethoden des Arsens, etc."	Apr. 7	Apr. 8	81	84-87
11081	May 30, 1914	"Der Nachweis organischer verbindungen."	Apr. 7	Apr. 8	81	84-87
11084	May 30, 1914	"Lehrbuch der Physikalischen Chemie."	Apr. 7	Apr. 8	81	84-87
11104	May 30, 1914	"Handbuch der industriellen Fettsäuren."	Apr. 7	Apr. 8	81	84-87
12134	July 18, 1914	"Handbuch der präparativen Chemie, etc." volume 2.	Apr. 7	Apr. 8	81	84-87
12139	July 18, 1914	"Die organischen Verbindungen mit mehrwertigem Jod."	Apr. 7	Apr. 8	81	84-87
12174	July 11, 1914	"Farbenphotographie in der Medizin, etc."	Apr. 7	Apr. 8	81	84-87
12613	June 5, 1915	"Handbuch der physikalischchemischen Technik für Forscher und Techniker."	Apr. 7	Apr. 8	81	84-87

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12803	July 24, 1915	"Die röntgenologische Lagebestimmung von Fremdkörpern, etc."	Apr. 7	Apr. 8	81	84–87
10520	Nov. 13, 1913	"Konstruieren und Rechnen, etc."	Apr. 7	Apr. 8	81	71–72
9707	Aug. 26, 1913	"Ölmotoren in viertakt-und zweitaktbauart, etc."	Apr. 7	Apr. 8	81	71–72
10662	Mar. 10, 1914	"Pumpen und Kompressoren, etc."	Apr. 7	Apr. 8	81	71–72
8048	May 17, 1912	"Keramisches Rechnen auf chemischer Grundlage an Beispielen erläutert, etc."	Apr. 7	Apr. 8	81	73–74
3844[1]	Oct. 7, 1911	"Heinze-Waeber Lehrbuch der Chemie, etc."	Apr. 7	June 30	81	166–168
8410[1]	Apr. 26, 1912	"Heinze-Waeber Lehrbuch der Chemie."	Apr. 7	June 30	81	166–168
10217[1]	Mar. 25, 1913	"Heinze-Waeber Lehrbuch der Chemie."	Apr. 7	June 30	81	166–168
10333[1]	Mar. 25, 1913	"R. Waebers Lehrbuch der Chemie etc."	Apr. 7	June 30	81	166–168
996[1]	Jan. 27, 1910	"Acht Vorlesungen über theoretische Physik, etc."	Apr. 7	June 30	81	177–180
1428[1]	June 18, 1910	"Anorganisch-chemisches Praktikum."	Apr. 7	June 30	81	177–180
1799[1]	Sept. 29, 1910	"Prinzipien der Atomdynamik".....	Apr. 7	June 30	81	177–180
1809[1]	Sept. 29, 1910	"Der Kautschuk und seine Prüfung"	Apr. 7	June 30	81	177–180
2168[1]	Dec. 1, 1910	"Mikroskopische warenprüfung, etc."	Apr. 7	June 30	81	177–180
2615[1]	Feb. 28, 1911	"Die beziehungen zwischen Farbe und Konstitution bei organischen verbindungen, etc."	Apr. 7	June 30	81	177–180
3139[1]	May 23, 1911	"Der elektrische lichtbogen, etc."...	Apr. 7	June 30	81	177–180
4287[1]	Nov. 14, 1911	"Handbuch der Chemie und Technologie der Oele und Fette, etc."	Apr. 7	June 30	81	177–180
4507[1]	Nov. 28, 1911	"Mineralogie für Ingenieure und Chemiker."	Apr. 7	June 30	81	177–180
4508[1]	Nov. 28, 1911	"Qualitative Analyse".....	Apr. 7	June 30	81	177–180
4509[1]	Nov. 28, 1911	"Technische Mechanik".....	Apr. 7	June 30	81	177–180
4510[1]	Nov. 28, 1911	"Kompendium der Experimentalphysik."	Apr. 7	June 30	81	177–180
4515[1]	Nov. 28, 1911	"Wasserkraftmaschinen, etc.".....	Apr. 7	June 30	81	177–180
5206[1]	Apr. 9, 1912	"Physiologisch-chemisches Praktikum."	Apr. 7	June 30	81	177–180
8647[1]	May 29, 1912	"Lehrbuch der chemischen-Technologie und Metallurgie, etc."	Apr. 7	June 30	81	177–180
6407[1]	Oct. 10, 1912	"Die Leichtmotoren".....	Apr. 7	June 30	81	177–180
6408[1]	Oct. 10 1912	"Grundzüge der Elektrotechnik"	Apr. 7	June 30	81	177–180
6417[1]	Oct. 30, 1912	"Kurzer Leitfaden der Eletrotechnik für Schiffsingenieure und betriebsingenieure industrieller Werke."	Apr. 7	June 30	81	177–180
6624[1]	Nov. 8, 1912	"Mechanische Technologie".....	Apr. 7	June 30	81	177–180
7652[1]	Apr. 25, 1913	"Physikalische Chemie".....	Apr. 7	June 30	81	177–180
8921[1]	Nov. 10, 1913	"Maschinen-elemente".....	Apr. 7	June 30	81	177–180
9082[1]	Jan. 15, 1914	"Kurzes Lehrbuch der anorganischen Chemie."	Apr. 7	June 30	81	177–180
12151[1]	Jan. 19, 1915	"Die Chemie der hydraulischen Bindemittel, etc."	Apr. 7	June 30	81	177–180
12234[1]	July 1, 1914	"Elektrische spektralanalyse chemischer Atome."	Apr. 7	June 30	81	177–180
5596	June 17, 1912	"Ein neues Verfahren zur Herstellung alkoholfreier Obst und Traubenweine, etc."	Apr. 7	Apr. 8	81	154–156
13406	Dec. 20, 1915	"Die chemische Untersuchung von Wasser und Abwasser."	Apr. 7	Apr. 8	81	160–162
385	Oct. 14, 1909	"Die Holzstoff- oder Holzschliff-Fabrikation, etc."	Apr. 7	Apr. 8	81	169–172
1031	Feb. 23, 1910	"Der Konstruktionsstahl und seine Kikrostruktur unter besonderer berücksichtigung des modernen Automobilstahls, etc."	Apr. 7	Apr. 8	81	169–172

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1466	June 20, 1910	"Die Metallfärbung und deren Ausführung, etc."	Apr. 7	Apr. 8	81	169–172
2413	Jan. 5, 1911	"Das ätsen und färben der Metalle, etc."	Apr. 7	Apr. 8	81	169–172
3773	Aug. 31, 1911	"Die Papier-prägetechnik, etc."	Apr. 7	Apr. 8	81	169–172
3788	Aug. 31, 1911	"Die Metallurgie des Wolframs, etc."	Apr. 7	Apr. 8	81	169–172
4300	Feb. 15, 1912	"Theorie und Berechnung von Motor-Luftschiffen."	Apr. 7	Apr. 8	81	169–172
5096	June 15, 1912	"Die deutschen Patente über Flugapparate, etc."	Apr. 7	Apr. 8	81	169–172
6767	Sept. 20, 1912	"Elektrolytische Metallabscheidungen, etc."	Apr. 7	Apr. 8	81	169–172
6768	Sept. 20, 1912	"Der Torsionsindikator"	Apr. 7	Apr. 8	81	169–172
7658	Jan. 1, 1913	"Die Schokoladen-Fabrikation, etc."	Apr. 7	Apr. 8	81	169–172
8201	Feb. 15, 1913	"Die Chemie in Industrie, Handwerk und Gewerbe, etc."	Apr. 7	Apr. 8	81	169–172
8214	Jan. 2, 1913	"Prüfung der Papier-Rohstoffe"	Apr. 7	Apr. 8	81	169–172
9712	Sept. 30, 1913	"Die quantitativen Untersuchungs-Methoden des Molybdäns, Vanadiums and Wolframs, etc."	Apr. 7	Apr. 8	81	169–172
10495	Dec. 30, 1913	"Die Strohstoff-Fabrikation, etc."	Apr. 7	Apr. 8	81	169–172
10498	Jan. 17, 1914	"Die Metallfärbung und deren Ausführung, etc."	Apr. 7	Apr. 8	81	169–172
14109	June 10, 1915	"Die moderne Vorkalulkation in Maschinenfabriken, etc."	Apr. 7	Apr. 8	81	169–172
5257	Apr. 13, 1912	"Einführung in die Chemie der Kohlenstoffverbindungen, etc."	Apr. 7	Apr. 8	81	163–165
6148[1]	Sept. 21, 1912	"Einführung in die praktische Chemie."	Apr. 7	June 30	81	157–159
970	Feb. 10, 1910	"Hebemaschinen und Transport-Vorrichtungen, etc."	Apr. 7	Apr. 8	81	173–176
1155	Apr. 1, 1910	"Der Eisenbeton im Hoch-und Tiefbau, etc.	Apr. 7	Apr. 8	81	173–176
1175	Apr. 8, 1910	"Das Trocknen und die Trockner, etc."	Apr. 7	Apr. 8	81	173–176
2497	Jan. 14, 1911	"Die Strömung in Röhren und die berechnung Weitverzweigter leitungen und Kanäle."	Apr. 7	Apr. 8	81	173–176
2960	Apr. 27, 1911	"Eisenhüttenwesen, etc."	Apr. 7	Apr. 8	81	173–176
3402	Dec. 15, 1910	"Werkzeugmaschinen, etc."	Apr. 7	Apr. 8	81	173–176
4041	Nov. 21, 1911	"Die Gasturbine, etc."	Apr. 7	Apr. 8	81	173–176
9525	Nov. 18, 1913	"Leitfaden der drahtlosen Telegraphie für die Luftfahrt."	Apr. 7	Apr. 8	81	173–176
9528	Nov. 18, 1913	"Die Wasserdrachen, etc."	Apr. 7	Apr. 8	81	173–176
12268	July 4, 1914	"Das Trocknen und die Trockner, etc."	Apr. 7	Apr. 8	81	173–176
12269	July 18, 1914	"Die angewante-Chemie in der Luftfahrt."	Apr. 7	Apr. 8	81	173–176
12270	July 18, 1914	"Anlage und Betrieb von Luftschiffhäfen."	Apr. 7	Apr. 8	81	173–176
12137	July 28, 1914	"Brotgetreide und Brot, etc."	Apr. 7	Apr. 8	81	146–147
8289	July 22, 1913	"Die chemische Verwandtschaft und ihre Beziehungen zu den übrigen energieformen."	Apr. 7	Apr. 8	81	151–153
10178	Mar. 17, 1914	"Die Welt der Kolloide"	Apr. 7	Apr. 8	81	151–153
3207	May 8, 1911	"Die Offizinellen Atherischen Ole und Balsame, etc."	Apr. 7	Apr. 8	81	148–150
14268	Aug. 26, 1916	"Hilfsbuch für Metalltechniker, etc."	Apr. 7	Apr. 8	81	102–103
2774	Jan. 15, 1911	"Auskunftsbuch für die chemische Industrie."	Apr. 7	Apr. 8	81	104–105
2108[1]	Nov. 17, 1910	"Kraftgas, etc."	Apr. 7	June 30	81	133–135
2630[1]	Jan. 21, 1911	"Das Acetylen, etc."	Apr. 7	June 30	81	133–135
2699[1]	Feb. 13, 1911	"Zerkleinerungsvorrichtungen und Mahlanlagen."	Apr. 7	June 30	81	133–135

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3399[1]	June 21, 1911	"Sulfurieren alkalischmelze der sulfosäuren, etc."	Apr. 7	June 30	81	133-135
3400[1]	June 21, 1911	"Mischen, rühren, Kneten und die dazu verwendeten Maschinen."	Apr. 7	June 30	81	133-135
3401[1]	June 21, 1911	"Sicherheitseinrichtungen chemischen Betrieben."	Apr. 7	June 30	81	133-135
4899[1]	Jan. 8, 1912	"Chemisch-technologisches Rechnen."	Apr. 7	June 30	81	133-135
4914[1]	Dec. 28, 1911	"Die Schwefelfarbstoffe, etc."	Apr. 7	June 30	81	133-135
5616[1]	May 9, 1912	"Kolloidchemie, etc."	Apr. 7	June 30	81	133-135
7034[1]	Oct. 30, 1912	"Filtern und Pressen zum Trennen von Flüssigkeiten und festen Stoffen."	Apr. 7	June 30	81	133-135
7035[1]	Oct. 30, 1912	"Verdampfen und Verkochen unter besonderer Berucksichtigung der Zuckerfabrikation."	Apr. 7	June 30	81	133-135
8368[1]	Apr. 17, 1913	"Zink und Cadmium, etc."	Apr. 7	June 30	81	133-135
8687[1]	June 11, 1913	"Die Prüfungsmethoden des deutschen Arzneibuches, etc."	Apr. 7	June 30	81	133-135
9827[1]	Nov. 18, 1913	"Das Wasser"	Apr 7	June 30	81	133-135
11343[1]	May 13, 1914	"Lehrbuch der Farben-chemie, etc."	Apr. 7	June 30	81	133-135
382	Oct. 5, 1909	"Praktikum der quantitativen anorganischen Analyse."	Apr. 7	Apr. 8	81	136-142
880	Jan. 4, 1910	"Der basische Herd-ofenprozess, etc."	Apr. 7	Apr. 8	81	136-142
891	Jan. 1, 1910	"Technologie der Holzverkohlung, etc."	Apr. 7	Apr. 8	81	136-142
1411	June 7, 1910	"Die Röntgentherapie in der Dermatologie."	Apr. 7	Apr. 8	81	136-142
1923	Oct. 23, 1910	"Die experimentelle Chemotherapie der Spirillosen, etc."	Apr. 7	Apr. 8	81	136-142
2118	Nov. 22, 1910	"Der Edisonakkumulator, etc."	Apr. 7	Apr. 8	81	136-142
2324	Jan. 2, 1911	"Grundzuge des Eisenhüttenwesens."	Apr. 7	Apr. 8	81	136-142
2373	Jan. 24, 1911	"Der Indikator und seine Hilfseinrichtungen."	Apr. 7	Apr. 8	81	136-142
3028	May 8, 1911	"Die citronensäure und ihre derivate."	Apr. 7	Apr. 8	81	136-142
3632	Sept. 9, 1911	"Handbuch der Eisen-und Stahlgiesserei, etc."	Apr. 7	Apr. 8	81	136-142
3839	Oct. 12, 1911	"Die chemie der trocknenden Öle."	Apr. 7	Apr. 8	81	136-142
4857	Feb. 18, 1912	"Probenahme und analyse von Eisen und Stahl, etc."	Apr. 7	Apr. 8	81	136-142
5028	Nov. 20, 1911	"Kolben, etc."	Apr. 7	Apr. 8	81	136-142
5033	Nov. 29, 1911	"Die Zylinder ortsfester Dampfmaschinen."	Apr. 7	Apr. 8	81	136-142
5162	Apr. 11, 1912	"Die Abwarmeverwertung im Kraft-Maschinenbetrieb, etc."	Apr. 7	Apr. 8	81	136-142
5164	Mar. 21, 1912	"Die Mercerination der Baumwolle und die Appretur der mercerisierten Gewebe."	Apr. 7	Apr. 8	81	136-142
5492	June 10, 1912	"Elektrische Starkstromanlagen, etc."	Apr. 7	Apr. 8	81	136-142
5488	June 10, 1912	"Die electrische Kraftübertragung." Vol. 1.	Apr. 7	Apr. 8	81	136-142
5601	June 7, 1912	"Mechanisch-und Physikalischtechnische Textile-untersuchungen, etc."	Apr. 7	Apr. 8	81	136-142
5651	June 15, 1912	"Die aromatischen Arsenverbindungen, etc."	Apr. 7	Apr. 8	81	136-142
5742	June 28, 1912	"Technische thermodynamik."	Apr. 7	Apr. 8	81	136-142
6088	Aug. 12, 1912	"Die Entropie-Diagramme der Verbrennungsmotoren einschliesslich der Gasturbine."	Apr. 7	Apr. 8	81	136-142
6418	Nov. 2, 1912	"Hilfsbuch für die Elektrotechnik, etc."	Apr. 7	Apr. 8	81	136-142
6429	Oct. 21, 1912	"Praktikum der Elektrochemie."	Apr. 7	Apr. 8	81	136-142
6448	Nov. 2, 1912	"Der Kautschuk, etc."	Apr. 7	Apr. 8	81	136-142

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6881	Nov. 21, 1912	"Chemische Untersuchungsmethoden für Eisenhütten und deren nebenbetriebe, etc."	Apr. 7	Apr. 8	81	136-142
7097	Dec. 28, 1912	"Berechnung, etc."	Apr. 7	Apr. 8	81	136-142
9965	Feb. 17, 1914	"Die medikamentösen Seifen, etc."	Apr. 7	Apr. 8	81	136-142
7325	Feb. 4, 1913	"Qualitative Analyse auf Präparative Grundlage."	Apr. 7	Apr. 8	81	136-142
7485	Mar. 29, 1913	"Technische Hydrodynamik"	Apr. 7	Apr. 8	81	136-142
7851	May 21, 1913	"Untersuchung der Kohlenwasserstofföle und Fette, etc."	Apr. 7	Apr. 8	81	136-142
8237	July 1, 1913	"Grundriss der Fermentmethoden, etc."	Apr. 7	Apr. 8	81	136-142
8513	Sept. 12, 1913	"Ermittlung der billigsten Betriebskraft für fabriken, etc."	Apr. 7	Apr. 8	81	136-142
8547	Oct. 7, 1913	"Untersuchungen über Chlorophyll, etc."	Apr. 7	Apr. 8	81	136-142
8577	Sept. 20, 1913	"Der Wirkungsgrad von Dampfturbinen-Beschauffungen."	Apr. 7	Apr. 8	81	136-142
8929	Nov. 13, 1913	"Die Kugellager und ihre Verwendung im Maschinenbau."	Apr. 7	Apr. 8	81	136-142
9432	Jan. 5, 1914	"Wahl, etc."	Apr. 7	Apr. 8	81	136-142
9456	Jan. 15, 1914	"Die Lehre vom Trocknen in Graphischer Darstellung."	Apr. 7	Apr. 8	81	136-142
9460	Jan. 2, 1914	"Strömungsenergie und mechanische Arbeit, etc."	Apr. 7	Apr. 8	81	136-142
9462	Dec. 31, 1913	"Schubstangen und Kreuzköpfe."	Apr. 7	Apr. 8	81	136-142
9639	Jan. 17, 1914	"Chemie der Zuckerindustrie, etc."	Apr. 7	Apr. 8	81	136-142
9993	Feb. 17, 1914	"Die Drahtseilbahnen, etc."	Apr. 7	Apr. 8	81	136-142
10157	Mar. 21, 1914	"Technische Mechanik, etc."	Apr. 7	Apr. 8	81	136-142
10259	Mar. 21, 1914	"Die Wissenschaftlichen Grundlagen der Elektrotechnik."	Apr. 7	Apr. 8	81	136-142
10376	Apr. 17, 1914	"Kombinationsgebungen der Lohe, etc."	Apr. 7	Apr. 8	81	136-142
10395	Apr. 18, 1914	"Elektrische Starkstromanlagen, etc."	Apr. 7	Apr. 8	81	136-142
10396	Apr. 11, 1914	"Grundlagen der Kokschemie, etc."	Apr. 7	Apr. 8	81	136-142
11012	June 6, 1914	"Einführung in die Mikroskopie."	Apr. 7	Apr. 8	81	136-142
11691	Nov. 5, 1914	"Lotrohrprobierkunde, etc."	Apr. 7	Apr. 8	81	136-142
12122	Oct. 30, 1914	"Die Kolbenpumpen, etc."	Apr. 7	Apr. 8	81	136-142
12123	Oct. 23, 1914	"Technische Messungen bei Maschinen-Untersuchungen und im Betriebe zum Gebrauch in Maschinenlaboratorien und in der Praxis."	Apr. 7	Apr. 8	81	136-142
12173	Oct. 23, 1914	"Die Elektrische Kraftübertragung." Vol. II.	Apr. 7	Apr. 8	81	136-142
12188	Apr. 20, 1915	"Leitfaden für Giessereilaboratorien."	Apr. 7	Apr. 8	81	136-142
14126	May 12, 1916	"Untersuchengen über das Ozon und seine Einwirkung auf organische Verbindungen, etc."	Apr. 7	Apr. 8	81	136-142
14253	July 6, 1916	"Hebe-und fördeanlagen, etc."	Apr. 7	Apr. 8	81	136-142
14278	Apr. 19, 1916	"Analyse und Konstitutionsermittlung organischer Verbindungen."	Apr. 7	Apr. 8	81	136-142
367	Sept. 2, 1909	"Dynamik der Oberflächen, etc."	Apr. 7	Apr. 8	81	143-145
861	Jan. 1, 1910	"Das Radium und die Farben, etc."	Apr. 7	Apr. 8	81	143-145
996	Feb. 15, 1910	"Einführung in die Kolloidchemie, etc."	Apr. 7	Apr. 8	81	143-145
1199	Apr. 2, 1910	"Die Theorie des Färbeprozesses."	Apr. 7	Apr. 8	81	143-145
4190	Sept. 26, 1911	"Einführung in die Kolloidchemie, etc."	Apr. 7	Apr. 8	81	143-145
4892	Jan. 2, 1912	"Die Kolloide in Biologie und Medizin."	Apr. 7	Apr. 8	81	143-145
4924	Jan. 2, 1912	"Vorlesungen über chemische Technologie."	Apr. 7	Apr. 8	81	143-145
8641	Apr. 2, 1912	"Grundlinien der anorganischen Chemie."	Apr. 7	Apr. 8	81	143-145

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6755	Aug. 1, 1912	"Handbuch der Mineralchemie, etc." Volume 1.	Apr. 7	Apr. 8	81	143-145
8378	Mar. 1, 1913	"Elektrochemisches Praktikum."	Apr. 7	Apr. 8	81	143-145
9251	May 1, 1913	"Geologische Diffusionen."	Apr. 7	Apr. 8	81	143-145
11277	Mar. 21, 1914	"Handbuch der Mineralchemie, etc." Volume 2.	Apr. 7	Apr. 8	81	143-145
13820	Apr. 15, 1915	"Mineralsynthetisches Praktikum, etc."	Apr. 7	Apr. 8	81	143-145
13884	June 1, 1915	"Die Bodenkolloide, etc."	Apr. 7	Apr. 8	81	143-145
13923	Aug. 26, 1915	"Die Welt der vernachlässigten."	Apr. 7	Apr. 8	81	143-145
13926	Dec. 30, 1914	"Einführung in die Kolloidchemie, etc."	Apr. 7	Apr. 8	81	143-145
227[1]	Aug. 20, 1909	"Einführung in die chemische Wissenschaft, etc."	Apr. 7	June 30	81	94-101
614[1]	Nov. 20, 1909	"Spektroskopie, etc."	Apr. 7	June 30	81	94-101
973[1]	Jan. 29, 1910	"Die Sprengstoffe, etc."	Apr. 7	June 30	81	94-101
992[1]	Feb. 14, 1910	"Drähte und Kabel, etc."	Apr. 7	June 30	81	94-101
1190[1]	Apr. 13, 1910	"Leitfaden zum elektrotechnischen Praktikum, etc."	Apr. 7	June 30	81	94-101
1493[1]	June 21, 1910	"Die Maschinenelemente, etc."	Apr. 7	June 30	81	94-101
1507[1]	July 9, 1910	"Die Kälte, etc."	Apr. 7	June 30	81	94-101
1509[1]	July 9, 1910	"Einführung in die Kinetische Theorie der Gase, etc."	Apr. 7	June 30	81	94-101
1668[1]	Aug. 11, 1910	"Abhandlungen und berichte über technisches Schulwesen, etc."	Apr. 7	June 30	81	94-101
1750[1]	Sept. 7, 1910	"Der Luftstickstoff und seine Verwertung, etc."	Apr. 7	June 30	81	94-101
1753[1]	Sept. 17, 1910	"Weinbau und Weinbereitung, etc."	Apr. 7	June 30	81	94-101
1760[1]	Sept. 7, 1910	"Das chemische Gleichgewicht auf grund mechanischer Vorstellungen, etc."	Apr. 7	June 30	81	94-101
1840[1]	Oct. 7, 1910	"Beispiele und Übungen aus Elektrizität und Magnetismus, etc."	Apr. 7	June 30	81	94-101
1855[1]	Oct. 7, 1910	"Physikalisch-chemische Praktikumsaufgaben, etc."	Apr. 7	June 30	81	94-101
1873[1]	Sept. 28, 1910	"Lehrbuch der Kristallphysik, etc."	Apr. 7	June 30	81	94-101
1875[1]	Sept. 24, 1910	"Experimentelle Elektrizitätslehre etc."	Apr. 7	June 30	81	94-101
1970[1]	Oct. 20, 1910	"Das Licht und die Farben, etc."	Apr. 7	June 30	81	94-101
2290[1]	Jan. 3, 1911	"Bierbrauerei, etc."	Apr. 7	June 30	81	94-101
2365[1]	Jan. 5, 1911	"Vorlesungen über technische Mechanik, etc."	Apr. 7	June 30	81	94-101
2629[1]	Jan. 23, 1911	"Theoretische Mechanik, etc."	Apr. 7	June 30	81	94-101
2645[1]	Dec. 28, 1910	"Die grossen Physiker und ihre Leistungen, etc."	Apr. 7	June 30	81	94-101
2654[1]	Jan. 20, 1911	"Experimentelle Biologie, etc."	Apr. 7	June 30	81	94-101
2657[1]	Jan. 14, 1911	"Agrikulturchemie, etc."	Apr. 7	June 30	81	94-101
2659[1]	Feb. 8, 1911	"Werdegang der modernen Physik, etc."	Apr. 7	June 30	81	94-101
2852[1]	Mar. 6, 1911	"Lehrbuch der Physik für Realschulen, etc."	Apr. 7	June 30	81	94-101
2860[1]	Feb. 25, 1911	"Lehrbuch der Kosmischen Physik, etc."	Apr. 7	June 30	81	94-101
2922[1]	Feb. 28, 1911	"Physikalisches Experimentierbuch, etc."	Apr. 7	June 30	81	94-101
3685[1]	July 27, 1911	"Einführung in die Biochemie in elementarer Darstellung, etc."	Apr. 7	June 30	81	94-101
3782[1]	Aug. 17, 1911	"Anleitung zur photographischen Naturaufnahmen, etc."	Apr. 7	June 30	81	94-101
4124[1]	Oct. 21, 1911	"Vorbereitungsbuch für den Experimental unterricht in Chemie, etc."	Apr. 7	June 30	81	94-101
4135[1]	Oct. 14, 1911	"Geschichte des Welthandels, etc."	Apr. 7	June 30	81	94-101
4140[1]	Sept. 27, 1911	"Die Kinematographie, etc."	Apr. 7	June 30	81	94-101
4573[1]	Dec. 1, 1911	"Die Theorie der Wechselströme, etc."	Apr. 7	June 30	81	94-101
4636[1]	Oct. 25, 1911	"Lehrbuch der Physik, etc."	Apr. 7	June 30	81	94-101
4893[1]	Jan. 26, 1912	"Elementare Mechanik, etc."	Apr. 7	June 30	81	94-101
4903[1]	Dec. 29, 1911	"Theorie der Elektrizität, etc."	Apr. 7	June 30	81	94-101

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			1919.	1919.		
4912[1]	Jan. 26, 1912	"Maschinen und apparate der Starkstromtechnik, etc."	Apr. 7	June 30	81	94-101
4915[1]	Dec. 4, 1911	"Lehrbuch der Physik, etc."	Apr. 7	June 30	81	94-101
4941[1]	Dec. 8, 1911	"Chemisches Experimentierbuch, etc."	Apr. 7	June 30	81	94-101
5219[1]	Feb. 5, 1912	"Feuerungsanlagen und Dampfkessel, etc."	Apr. 7	June 30	81	94-101
5233[1]	Feb. 7, 1912	"Populäre Astrophysik, etc."	Apr. 7	June 30	81	94-101
6012[1]	June 6, 1912	"Einleitung in die Experimentalphysik, etc."	Apr. 7	June 30	81	94-101
6495[1]	Mar. 23, 1912	"Physik in graphischen Darstellungen, etc."	Apr. 7	June 30	81	94-101
6500[1]	Feb. 15, 1912	"Lehr-und Aufgabenbuch der Physik für Maschinenbau-und Gewerbeschulen, etc." Vol. 1.	Apr. 7	June 30	81	94-101
6501[1]	Mar. 21, 1912	"Lehr-und Aufgabenbuch der Physik für Maschinenbauund Gewerbeschulen, etc." Vol. 2.	Apr. 7	June 30	81	94-101
7147[1]	July 27, 1912	"Das Eisenhüttenwesen, etc."	Apr. 7	June 30	81	94-101
7286[1]	Oct. 28, 1912	"Grundlagen der Elektrotechnik, etc."	Apr. 7	June 30	81	94-101
8039[1]	June 27, 1912	"Allgemeine Elektrotechnik, etc."	Apr. 7	June 30	81	94-101
9190[1]	May 13, 1913	"Chemie, etc."	Apr. 7	June 30	81	94-101
9198[1]	Apr. 24, 1913	"Der Stoffwechsel der Pflansen, etc."	Apr. 7	June 30	81	94-101
9200[1]	June 25, 1913	"Die Künstlerische Photographie, etc."	Apr. 7	June 30	81	94-101
9207[1]	May 28, 1913	"Einfuhrung in das Studium der theoretischen Physik, etc."	Apr. 7	June 30	81	94-101
9226[1]	Feb. 22, 1913	"Anleitung zur Kultur der Mikroorganisnier, etc."	Apr. 7	June 30	81	94-101
9236[1]	July 27, 1913	"Die Funkentelegraphie, etc."	Apr. 7	June 30	81	94-101
9826[1]	Oct. 9, 1913	"Hervorragende leistungen der Technik, etc."	Apr. 7	June 30	81	94-101
9845[1]	Nov. 3, 1913	"Die Luftfahrt, etc."	Apr. 7	June 30	81	94-101
9924[1]	Oct. 13, 1913	"Die Metalle, etc."	Apr. 7	June 30	81	94-101
10486[1]	Jan. 5, 1914	"Chemie in Küche und Haus, etc."	Apr. 7	June 30	81	94-101
10491[1]	Jan. 5, 1914	"Die Photographie, etc."	Apr. 7	June 30	81	94-101
10536[1]	Jan. 5, 1914	"Hydraulik, etc."	Apr. 7	June 30	81	94-101
10548[1]	Nov. 24, 1913	"Elemente der technischen Hydromechanik, etc."	Apr. 7	June 30	81	94-101
10590[1]	Dec. 16, 1913	"Das Mikroskop, etc."	Apr. 7	June 30	81	94-101
10802[1]	Feb. 20, 1914	"Schöpfungen der Ingenieurtechnik der Neuzeit, etc."	Apr. 7	June 30	81	94-101
10836[1]	Feb. 27, 1914	"Grundlehren der Chemie und Wege zur Künstlichen Herstellung von Naturstoffen, etc."	Apr. 7	June 30	81	94-101
11294[1]	Mar. 12, 1914	"Handbuch der naturgeschichtlichen Technik für Lehrer und Studierende der Naturwissenschaften, etc."	Apr. 7	June 30	81	94-101
11357[1]	July 1, 1914	"Lehrbuch der Physik, etc."	Apr. 7	June 30	81	94-101
12481[1]	July 13, 1914	"Lehrbuch der praktischen Physik, etc."	Apr. 7	June 30	81	94-101
13587[1]	Feb. 20, 1915	"Farben und Farbstoffe, etc."	Apr. 7	June 30	81	94-101
13590[1]	Oct 20, 1914	"Desinfektion, Sterilisation, Konservierung, etc."	Apr. 7	June 30	81	94-101
13901[1]	Dec. 31, 1914	"Luft, Wasser, Licht und Wärme, etc."	Apr. 7	June 30	81	94-101
13916[1]	Sept. 23, 1915	"Dynamik der Kristallgitter, etc."	Apr. 7	June 30	81	94-101
14032[1]	Jan. 14, 1914	"Die Wasserkraftmaschinen und die Ausnutzung der Wasserkräfte, etc."	Apr. 7	June 30	81	94-101
6013	May 21, 1912	"Chemische Methodik für Arste"	Apr. 7	Apr. 8	81	15-16
14113	Jan. 26, 1916	"Grundriss der organischen Chemie."	Apr. 7	Apr. 8	81	15-16
10981	July 22, 1914	"Praktischer Ratgeber für Siegeleien, etc."	Apr. 7	Apr. 8	81	17-18

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1183	Mar. 30, 1910	"Handbuch der biochemischen Arbeits-Methoden."	Apr. 7	Apr. 8	81	23-24
10986	May 5, 1914	"Enzyklopädie der technischen Chemie, etc."	Apr. 7	Apr. 8	81	23-24
619	Nov. 15, 1909	"Lichtbiologie, etc."	Apr. 7	Apr. 8	81	126-132
920	Jan. 17, 1910	"Das gleichzeitige Telegraphieren und Fernsprechen, etc."	Apr. 7	Apr. 8	81	126-132
966	Feb. 5, 1910	"Die elektrische Fernübertragung von Bildern."	Apr. 7	Apr. 8	81	126-132
997	Feb. 15, 1910	"Das elektrische Bogenlicht, etc."	Apr. 7	Apr. 8	81	126-132
1092	Mar. 21, 1910	"Einführung in die technische Elektro-Chemie, etc."	Apr 7	Apr. 8	81	126-132
1117	Apr. 6, 1910	"Die Schule der Chemie, etc."	Apr. 7	Apr. 8	81	126-132
1179	Apr. 6, 1910	"Die Schule der Physik, etc."	Apr. 7	Apr. 8	81	126-132
1191	Apr. 8, 1910	"Die Methoden der Massanalyse, etc."	Apr. 7	Apr. 8	81	126-132
1456	June 20, 1910	"Die Stromversorgung der Telegraphen-und Fernsprechanstalten."	Apr. 7	Apr. 8	81	126-132
1457	June 20, 1910	"Theoretische Telegraphie"	Apr. 7	Apr. 8	81	126-132
1598	July 16, 1910	"Die Lehre von der Bilderentstehung im Mikroskop."	Apr. 7	Apr. 8	81	126-132
1842	Oct. 7, 1910	"Lehrbuch der anorganischen Chemie."	Apr. 7	Apr. 8	81	126-132
2121	Nov. 15, 1910	"Die elektrischen erscheinungen in metallischen Leitern, etc."	Apr. 7	Apr. 8	81	126-132
2496	Jan. 25, 1911	"Telegraphen-und fernsprechkabelanlagen."	Apr. 7	Apr. 8	81	126-132
2537	Feb. 11, 1911	"Anleitung zur Untersuchung der für die Zuckerindustrie, etc."	Apr. 7	Apr. 8	81	126-132
2571	Feb. 8, 1911	"Der drehrohrofen als modernster Brennapparat."	Apr. 7	Apr. 8	81	126-132
2603	Feb. 20, 1911	"Leitfaden für den praktischchemischen Unterricht der Mediziner, etc."	Apr. 7	Apr. 8	81	126-132
2977	May 5, 1911	"Die Schutzvorrichtungen der Starkstromtechnik, etc."	Apr. 7	Apr. 8	81	126-132
3083	June 1, 1911	"Das Relativitätsprinzip".	Apr. 7	Apr 8	81	126-132
3234	June 16, 1911	"Joh. Karl König's Warenlexikon für den Verkehr mit Drogen und Chemikalien, etc."	Apr. 7	Apr. 8	81	126-132
3245	June 15, 1911	"Chemie der Eiweisskörper"	Apr. 7	Apr. 8	81	126-132
3498	Aug. 28, 1911	"E. F. Schell's Führer des Maschinisten, etc."	Apr. 7	Apr. 8	81	126-132
4044	Nov. 14, 1911	"Die Leuchtgaserzeugung und die moderne Gasbeleuchtung, etc."	Apr. 7	Apr. 8	81	126-132
4045	Nov. 14, 1911	"Wechselstromversuche"	Apr. 7	Apr. 8	81	126-132
4046	Oct. 20, 1911	"Die Selbstanschluss-und wählereinrichtungen im fernsprechbetriebe."	Apr. 7	Apr. 8	81	126-132
4056	Nov. 13, 1911	"Kurzes Lehrbuch der organischen Chemie."	Apr. 7	Apr. 8	81	126-132
4131	Dec. 7, 1911	"Leitfaden für eisenhütten Laboratorien."	Apr. 7	Apr. 8	81	126-132
4323	Dec. 15, 1911	"Aufgaben aus der Physik nebst einem Anhange, etc."	Apr. 7	Apr. 8	81	126-132
4422	Jan. 25, 1912	"Auflösungen zu den Aufgaben aus der Physik, etc."	Apr. 7	Apr. 8	81	126-132
4705	Feb. 7, 1912	"Die chemischen grundlehren nach Menge, etc."	Apr. 7	Apr. 8	81	126-132
4723	Feb. 19, 1912	"Berechnung von Wechselstromfernleitungen."	Apr. 7	Apr. 8	81	126-132
5523	May 8, 1912	"Leitfaden der Physik und Chemie, etc."	Apr. 7	Apr. 8	81	126-132
5622	June 19, 1912	"Handbuch der Presshefenfabrikation."	Apr. 7	Apr. 8	81	126-132
5797	Aug. 7, 1912	"Leitfaden für den Unterricht in der Physik, etc."	Apr. 7	Apr. 8	81	126-132

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5980	Aug. 29, 1912	"Die Grundgesetze der Wechselstrom-Technik."	Apr. 7	Apr. 8	81	126–132
5983	Aug. 29, 1912	"Die Telephonie ohne Draht"	Apr. 7	Apr. 8	81	126–132
6238	Oct. 11, 1912	"Die Physik der Röntgenstrahlen"	Apr. 7	Apr. 8	81	126–132
6239	Oct. 11, 1912	"Elektrobiologie"	Apr. 7	Apr. 8	81	126–132
6240	Oct. 19, 1912	"Theorien der organischen Chemie, etc."	Apr. 7	Apr. 8	81	126–132
6241	Sept. 17, 1912	"Das Erdöl und seine Verwandten, etc."	Apr. 7	Apr. 8	81	126–132
6242	Sept. 17, 1912	"Die Fabrikation des Russes und der Schwärze aus Abfällen und nebenprodukten, etc."	Apr. 7	Apr. 8	81	126–132
6244	Sept. 21, 1912	"Die Industrie des Steinkohlenteers und des Ammoniaks."	Apr. 7	Apr. 8	81	126–132
6763	Jan. 3, 1913	"Physikalische Grundlagen der Elektro-Technik."	Apr. 7	Apr. 8	81	126–132
8199	July 16, 1913	"Das Leuchten der Gase und Dämpfe, etc."	Apr. 7	Apr. 8	81	126–132
8636	Oct. 7, 1913	"Tabelle der wichtigsten organischen Verbindungen geordnet nach schmelzpunkten, etc."	Apr. 7	Apr. 8	81	126–132
8959	Oct. 22, 1913	"Der Heutige Stand der Synthese von Pflanzenalkaloiden."	Apr. 7	Apr. 8	81	126–132
9495	Jan. 2, 1914	"Die Industrie der cyanverbindungen, etc."	Apr. 7	Apr. 8	81	126–132
8633	Oct. 7, 1913	"Gasbeleuchtung, etc."	Apr. 7	Apr. 8	81	126–132
9496	Jan. 10, 1914	"Moderne Probleme der Physik"	Apr. 7	Apr. 8	81	126–132
9517	Nov. 27, 1913	"Die Chemie und Technologie der natürlichen und künstlichen Asphatle."	Apr. 7	Apr. 8	81	126–132
9937	Feb. 11, 1914	"Kinetische Stereochemie der Kohlenstoff-verbindungen."	Apr. 7	Apr. 8	81	126–132
10421	Apr. 28, 1914	"Die Lichtelektrischen Erscheinungen."	Apr. 7	Apr. 8	81	126–132
10422	Apr. 28, 1914	"Anorganische Peroxyde und Persalze."	Apr 7	Apr. 8	81	126–132
10424	Apr. 28, 1914	"Die Lichtbrechung in Gase als physikalisches und chemisches Problem."	Apr. 7	Apr. 8	81	126–132
10428	Apr. 28, 1914	"Brennereifragen, etc."	Apr. 7	Apr. 8	81	126–132
10600	May 19, 1914	"Die Nitrocellulosen, etc."	Apr. 7	Apr. 8	81	126–132
11618	Dec. 4, 1914	"Die Flüssigen Brennstoffe, etc."	Apr. 7	Apr. 8	81	126–132
11621	Dec. 4, 1914	"Ueber die Natur der Mischfarben auf Grund der Uydulstionshypothese."	Apr. 7	Apr. 8	81	126–132
11628	Dec. 4, 1914	"Die Interferenz der Röntgenstrahlen."	Apr. 7	Apr. 8	81	126–132
11629	Dec. 4, 1914	"Die Elektrolytische Darstellung von Legierungen aus wasserigen Lösungen."	Apr. 7	Apr. 8	81	126–132
11622	Dec. 4, 1914	"Verflüssigung der Kohle und Herstellung der Sonnentemperatur."	Apr. 7	Apr. 8	81	126–132
11630	Dec. 4, 1914	"Rost und Rostschutz"	Apr. 7	Apr. 8	81	126–132
11634	Dec. 4, 1914	"Aufbereitung, Brikettierung und Verkokung der Steinkohle."	Apr. 7	Apr. 8	81	126–132
6229	Oct. 9, 1912	"Medizinisch chemisches Laboratoriums-Hilfsbuch."	Apr. 7	Apr. 8	81	120–121
7390	Mar. 18, 1913	"Die Fermente und ihre Wirkungen," volume 1.	Apr. 7	Apr. 8	81	120–121
7948	June 13, 1913	"Grundriss der Pharmakologie in bezug auf Arzneimittellehre und Toxikologie."	Apr. 7	Apr. 8	81	120–121
8627	Oct. 1, 1913	"Die Fermente und ihre Wirkungen," volume 2.	Apr. 7	Apr. 8	81	120–121
11043	Apr. 21, 1914	"Lehrbuch der Metallographie, etc."	Apr. 7	Apr. 8	81	114–115
5328	May 8, 1912	"Die Schule des modernen Parfumeürs, etc."	Apr. 7	Apr. 8	81	118–119

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6413	Oct. 30, 1912	"Die moderne Parfümerie, etc."	Apr. 7	Apr. 8	81	118–119
7131	Feb. 12, 1913	"Die Moderne Toiletteseifen-Fabrikation, etc."	Apr. 7	Apr. 8	81	118–119
7850	Apr. 16, 1913	"Schuhcremes und Bohnermassen, etc."	Apr. 7	Apr. 8	81	118–119
14130	Jan. 1, 1916	"Handbuch der Radiologie"	Apr. 7	Apr. 8	81	116–117
1089	Mar. 12, 1910	"Grundrisse der Physik"	Apr. 7	Apr. 8	81	110–111
6075	June 11, 1912	"Lexikon der Anorganischen Verbindungen."	Apr. 7	Apr. 8	81	66–67
7609	Dec. 31, 1912	"Lehrbuch der Thermodynamik."	Apr. 7	Apr. 8	81	66–67
11127	May 29, 1914	"Lexikon der anorganischen Verbindungen."	Apr. 7	Apr. 8	81	66–67
3420	July 12, 1911	"Lehrbuch der Mikrochemie"	Apr. 7	Apr. 8	81	64–65
11109	May 29, 1914	"Der chemische Giftnachweis"	Apr. 7	Apr. 8	81	64–65
191	July 5, 1909	"Biochemisches Taschenbuch, etc."	Apr. 7	Apr. 8	81	112–113
194	Apr. 1, 1909	"Grundriss der Pharmakochemie, etc."	Apr. 7	Apr. 8	81	112–113
1442	June 25, 1910	"Die Alkaloide, eine Monographie der natürlichen Basen, etc."	Apr. 7	Apr. 8	81	112–113
2601	Feb. 13, 1911	"Metallkunde Ein Lehr-und Handbuch für Fabrikanten, etc."	Apr. 7	Apr. 8	81	62–63
7953	Dec. 24, 1912	"V. V. Richter's Chemie der Kohlenstoff-Verbindungen, etc."	Apr. 7	Apr. 8	81	60–61
9915	Oct. 1, 1913	"Radium als Kosmetikum"	Apr. 7	Apr. 8	81	60–61
11303	May 30, 1914	"V. V. Richter's Lehrbuch der anorganischen Chemie."	Apr. 7	Apr. 8	81	60–61
4624	Aug. 1, 1911	"Physikalische Chemie der zelle und der gewebe, etc."	Apr. 7	Apr. 8	81	58–59
12136	July 24, 1914	"Physikalische Chemie der zelle und der gewebe, etc."	Apr. 7	Apr. 8	81	58–59
5207	Apr. 13, 1912	"Die Röntgen Literatur, etc."	Apr. 7	Apr. 8	81	55–57
6709	Nov. 9, 1912	"Das Materialprüfungswesen, unter besonderer berücksichtigung der am Königl, etc."	Apr. 7	Apr. 8	81	55–57
12148	July 18, 1914	"Die Röntgen Literatur, etc."	Apr. 7	Apr. 8	81	55–57
12214	Feb. 13, 1915	"Materialprüfungsmethoden im Elektro-Maschinen und Apparatebau, etc."	Apr. 7	Apr. 8	81	55–57
12683	June 19, 1915	"Die Katalyse"	Apr. 7	Apr. 8	81	55–57
12684	June 19, 1915	"Lehrbuch der Physikalischen Chemie, etc."	Apr. 7	Apr. 8	81	55–57
10	Dec. 20, 1908	"Starkstromtechnik, etc."	Apr. 7	Apr. 8	81	53–54
5629	June 29, 1912	"Starkstromtechnik, etc."	Apr. 7	Apr. 8	81	53–54
794	Dec. 8, 1909	"Einführung in die Chemie, etc."	Apr. 7	Apr. 8	81	51–52
4910	Dec. 20, 1911	"Der elektrische Strom"	Apr. 7	Apr. 8	81	51–52
5226	Feb. 12, 1912	"Der elektrische Strom"	Apr. 7	Apr. 8	81	51–52
11287	Jan. 15, 1915	"Das synthetische System der Atome."	Apr. 7	Apr. 8	81	49–50
418	Oct. 18, 1909	"Etymologisches Fachworterbuch zur Mathematik, Physik, Chemie und Mineralogie."	Apr. 7	Apr. 8	81	47–48
8321	Sept. 10, 1913	"Handbuch der Anorganischen Chemie."	Apr. 7	Apr. 8	81	45–46
12628	May 11, 1915	"Prinzipien der Atomdynamik, etc."	Apr. 7	Apr. 8	81	45–46
3775	Aug. 31, 1911	"Die Gallvanischen Metallniederschläge, etc."	Apr. 7	Apr. 8	81	43–44
14134	Jan. 5, 1916	"Die Praxis der Färberei unter Berucksichtigung der Appretur, etc."	Apr. 7	Apr. 8	81	43–44
340	Oct. 18, 1909	"Illustrierte Technische Worterbücher, etc."	Apr. 7	Apr. 8	81	33–34
624	Nov. 25, 1909	"Illustrierte Technische Worterbücher, etc."	Apr. 7	Apr. 8	81	33–34
1910	Oct. 17, 1910	"Illustrierte Technische Worterbücher, etc."	Apr. 7	Apr. 8	81	33–34
13159	Nov. 18, 1915	"Illustrierte Technische Worterbücher, etc."	Apr. 7	Apr. 8	81	33–34

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1506	July 16, 1910	"Die Thermischen Eigenschaften der Gase, etc."	Apr. 7	Apr. 8	81	41-42
10110	Mar. 9, 1914	"Technische Thermodynamik"	Apr. 7	Apr. 8	81	38-40
11105	June 16, 1914	"Chemie der menschlichen nahrungs-und genussmittel."	Apr. 7	Apr. 8	81	38-40
14359	Jan. 15, 1916	"Handbuch der Eisen-und Stahlgiesserei."	Apr. 7	Apr. 8	81	38-40
465	Oct. 23, 1909	"Die Vektoranalysis und ihre Anwendung in der Theoretischen Physik, etc."	Apr. 7	Apr. 8	81	35-37
513	Oct. 27, 1909	"Vorlesungen zur Einführung in die Mechanik raumerfüllender massen, etc."	Apr. 7	Apr. 8	81	35-37
545	Nov. 3, 1909	"Lehrbook der Praktischen Physik, etc."	Apr. 7	Apr. 8	81	35-37
702	Dec. 9, 1909	"Vorlesungen über Technische Mechanik, etc."	Apr. 7	Apr. 8	81	35-37
995	Feb. 14, 1910	"Die Vektoranalysis und ihre Anwendung in der Theoretischen Physik, etc."	Apr. 7	Apr. 8	81	35-37
6104	June 19, 1912	"Grundriss der Anorganischen Chemie, etc."	Apr. 7	Apr. 8	81	31-32
11123	June 22, 1914	"Die Experimentelle Pharmakologie als Grundlage der Arzneibehandlung, etc."	Apr. 7	Apr. 8	81	29-30
13322	Jan. 15, 1915	"Enzyklopädie der Technischen Chemie, etc."	Apr. 7	Apr. 8	81	29-30
596	Nov. 9, 1909	"Elektrotechnisches Experimentierbuch, etc."	Apr. 7	Apr. 8	81	27-28
8842	Nov. 1, 1913	"Chemisches Experimentierbuch, etc."	Apr. 7	Apr. 8	81	27-28
14043	Mar. 24, 1915	"Auskunftsbuch für die chemische Industrie."	Apr. 7	Apr. 8	81	25-26
155	Jan. 11, 1909	"Müller-Pouillets Lehrbuch der Physik und Meteorologie."	Apr. 7	Apr. 8	81	19-22
156	Mar. 6, 1909	"Müller-Pouillets Lehrbuch der Physik und Meteorologie."	Apr. 7	Apr. 8	81	19-22
1115	Mar. 24, 1910	"Die Mechanik der Festen, flüssigen und Gasformigen Körper, etc."	Apr. 7	Apr. 8	81	35-37
1671	Aug. 14, 1910	"Schülerubungen zur einführung in die Physik, etc."	Apr. 7	Apr. 8	81	35-37
4938	Dec. 8, 1911	"Die Mechanik der festen, flüssigen und Gasformigen Körper, etc."	Apr. 7	Apr. 8	81	35-37
4942	Dec. 12, 1911	"Physikalisches Experimentierbuch."	Apr. 7	Apr. 8	81	35-37
9218	May 7, 1913	"Chemische Plaudereien für 10-bis 14 jährige schüler aller schulgattungen, etc."	Apr. 7	Apr. 8	81	35-37
10543	Dec. 2, 1913	"Chemisches Experementierbuch."	Apr. 7	Apr. 8	81	35-37
10819	Jan. 16, 1914	"Vorlesungen über technische mechanik, etc."	Apr. 7	Apr. 8	81	35-37
13569	Jan. 29, 1915	"Reportorium der Physik, etc."	Apr. 7	Apr. 8	81	35-37
13645	Feb. 16, 1915	"Theorie der Elektrizität, etc."	Apr. 7	Apr. 8	81	35-37
13649	Dec. 22, 1914	"Die Elektrische Kraftübertragung, etc."	Apr. 7	Apr. 8	81	35-37
14035	Nov. 9, 1915	"Kasmetik, etc."	Apr. 7	Apr. 8	81	35-37
158	Jan. 18, 1909	"Post's Chemisch-technische analyse, etc."	Apr. 7	Apr. 8	81	19-22
159	Jan. 15, 1909	"Die Kraftfelder, etc."	Apr. 7	Apr. 8	81	19-22
160	July 11, 1908	"Die Bindung des Atmosphärischen stickstoffs in natur und technik, etc."	Apr. 7	Apr. 8	81	19-22
161	Feb. 6, 1909	"Die Atmosphärische Elektrizität Methoden und Ergebnisse der Modernen Luftelektrischen forschung, etc."	Apr. 7	Apr. 8	81	19-22
162	Oct. 24, 1908	"Die Hebezeuge, etc."	Apr. 7	Apr. 8	81	19-22
163	May 29, 1909	"Kapasität und Induktivität, etc."	Apr. 7	Apr. 8	81	19-22

No. (A-Foreign).	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
167	Dec. 19, 1908	"Neuere Anschauungen auf dem gebiete der anorganischen Chemie, etc."	Apr. 7	Apr. 8	81	19–22
168	Mar. 3, 1909	"Das Klimaproblem der Geologischen Vergangenheit und Historischen Gegenwart, etc."	Apr. 7	Apr. 8	81	19–22
170	Oct. 31, 1908	"Neuere Theoretische Anschauungen auf den gebiete der Organischen Chemie, etc."	Apr. 7	Apr. 8	81	19–22
172	June 9, 1909	"Anleitung zum Experimentieren in den vorlesung über Organische Chemie, etc."	Apr. 7	Apr. 8	81	19–22
173	Nov. 25, 1908	"Kurzes Lehrbuch der Organischen Chemie, etc."	Apr. 7	Apr. 8	81	19–22
175	Nov. 25, 1908	"Elektrotechnische Messungen und Messinstrumente, etc."	Apr. 7	Apr. 8	81	19–22
176	July 15, 1908	"Die Lagerundg der Atome in Raume, etc."	Apr. 7	Apr. 8	81	19–22
177	Mar. 13, 1909	"Die Chemie der Chlorophylle und ihre Beziehung zur Chemie des Blutfarbstoffs, etc."	Apr. 7	Apr. 8	81	19–22
178	May 15, 1909	"Handbuch der Soda-Industrie und ihrer Nebenzweige, etc."	Apr. 7	Apr. 8	81	19–22
179	May 14, 1909	"Die Fabrikation des Superphosphats mit Berücksichtigung der anderen Gebräuchlichen Dungemittel, etc."	Apr. 7	Apr. 8	81	19–22
229	Mar. 27, 1909	"H. W. Vogel's Photographie, etc."	Apr. 7	Apr. 8	81	19–22
235	July 29, 1909	"Die Transformatoren, ihre Wirkungsweise, etc."	Apr. 7	Apr. 8	81	19–22
291	Sept. 10, 1909	"J. G. Gentele's Lehrbuch der Farbenfabrikation, etc."	Apr. 7	Apr. 8	81	19–22
1235	Apr. 25, 1910	"Unterstufe der Naturlehre (Physik nebst Astronomie), etc."	Apr. 7	Apr. 8	81	19–22
3231	June 17, 1911	"Oberstufe der Naturlehre (Physik nebst Astronomie und Mathematischer Geographie), etc."	Apr. 7	Apr. 8	81	19–22
4043	Oct. 27, 1911	"Ausführliches Lehrbuch der pharmaceutischen Chemie, etc."	Apr. 7	Apr. 8	81	19–22
5087	Mar. 27, 1912	"Müller Poullets Lehrbuch der Physik, und Meteorologie, etc."	Apr. 7	Apr. 8	81	19–22
5098	Apr. 18, 1912	"Unterstufe der Naturlehre (Physik nebst Astronomie und Chemie), etc."	Apr. 7	Apr. 8	81	19–22
6114	Oct. 16, 1912	"Die Chemie in Natur und Technik, etc."	Apr. 7	Apr. 8	81	19–22
6243	Sept. 17, 1912	"Die Industrie des Steinkohlenteers und des Ammoniaks, etc."	Apr. 7	Apr. 8	81	19–22
10425	Apr. 28, 1914	"Die Radioaktivität von boden und quellen, etc."	Apr. 7	Apr. 8	81	19–22

Said instrument dated April 10, 1919, and recorded in the United States Patent Office on April 21, 1919, in liber Y-107, page 1-143 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-1 attached to this bill of complaint, also enumerated certain contract rights growing out of the following contracts:

Between Badische Aniline and Sode Fabrik and Theodore Goldschmidt, assignor to the Goldschmidt Chemical Co., assignor to the Goldschmidt Detinning Co., now the Metal Thermit Corp.

Contract dated March 12, 1907.

Patent (not given).

Title: Manufacture of chlorine.

Date of demand served on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber R-106, page 475 of Transfers of Patents.

Demand served on Metal and Thermit Corporation, 120 Broadway, New York, N. Y., such service made March 26, 1919.

Between Dr. Frederick Supf and Arabol Manufacturing Company.

Contract not dated but acknowledged October 12, 1908.

Covering Patent No. 974448.

Dated November 1, 1910.

Title: Process of liquefying organic colloids.

Demand served on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber Q-106, page 441 of Transfer of Patents.

Demand dated March 22, 1919, served on Arabol Manufacturing Company, 100 William Street, New York, N. Y.; such service made March 26, 1919.

Between Kathreiners Malzkaffee Fabriken m. b. H., and William Rahr, Max Rahr, and Reinhardt Rahr, assignors to Kneipp Malt Food Company.

Contract dated June 26, 1895.

Covering Patent (S. N.) 513252.

Title: Kneipp Malt, a coffee substitute.

Date of demand served on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber K-106, page 499 of Transfers of Patents.

Between Rheinische Dampfkessel and Maschinenfabrik Buttner, G. M. B. H., and Stearns-Roger Manufacturing Company.

Contract dated December 20, 1912.

Covering Patent No. 1078125.

Dated November 11, 1913.

Title: Cellular drying apparatus.

Date of demand served on Commissioner of Patents: March 22, 1919.

Service of demand accepted April 9, 1919.

Recorded April 9, 1919, liber R-106, page 479 of Transfers of Patents.

Demand dated March 22, 1919, served on Stearns-Roger Manufacturing Company, 1720 California St., Denver, Colo., such service made May 13, 1919.

Between Friederick Grosche and Becton Dickinson & Company.

Contract dated June 1, 1912.

Covering Patent No. 823859.

Dated June 19, 1906.

Title: Apparatus for shaking thermometers.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber U-106, page 384 of Transfers of Patents.

Demand dated March 22, 1919, served on Becton Dickinson and Company, Rutherford, N. J.; such service made April 16, 1919.

Between F. H. Kindel, agent for Coln-Musener-Berwegs Aktienverein and Burdette Manufacturing Company, assignor to the Oxygen Protective Association.

Contract dated January 18, 1916.

Covering Patent No. 703940.

Dated July 1, 1902.

Title: Process of fusion of metals.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber N-106, page 496 of Transfers of Patents.

Demand dated ———, served on Oxygen Protective Association, c/o F. L. Horton, Packers and Exchange Ave., Chicago, Ill.; such service made ———.

Between Chemische Fabrik Rhenia and Schoellkopf Hartford and Hanna Company, assignor to the Contact Process Company.

Contract dated May 26, 1902.

Patent (not given).

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber R-106, page 473 of Transfers of Patents.

Demand dated March 22, 1919, served on Contact Process Company, Buffalo, New York; such service made April 12, 1919.

Between Leon Lilienfeld and Eastman Kodak Company.

Contract dated August 5, 1912.

Covering the following patents:

Patent No.	Date of issue	Title
1188376	June 20, 1916	Alkyl ethers of cellulose and process of making same.
1217027	Feb. 20, 1917	Film and process of producing same.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber N-106, page 488 of Transfers of Patents.

Demand dated March 22, 1919, served on Eastman Kodak Company, Rochester, New York; such service made April 19, 1919.

Between Schulke & Mayr Aktiengesellschaft and Lehn & Fink, Inc.

Contract dated February 5, 1914.

Covering trade-marks 53937 and 53938.

Dated June 12, 1906.

Title: Lysol.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber Q-106, page 440 of Transfers of Patents.

Demand dated March 24, 1919, served on Lehn & Fink, Inc., 120 Williams St., New York, New York; such service made March 24, 1919.

Between Oskar Zahn, doing business as Oskar Zahn Buro, and the Deutsche Ton-und Steinzeug Werke, A. G., and the General Ceramics Company.

Contract dated July 26, 1913.

Covering patent No. 1099451.

Dated June 9, 1914.

Title: Process for the continuous production of dry hydrochloric acid and potassium bisulfate from potassium chlorid and sulfuric acid.

Date of demand on Commissioner of Patents: February 11, 1919.

Service accepted February 20, 1919.

Recorded February 20, 1919, liber Q-106, page 172 of Transfers of Patents.

Demand dated February 11, 1919, served on General Ceramics Co., Inc., 50 Church Street, New York City; such service made February 25, 1919.

Between Oskar Zahn and the Deutsche Ton-und Steinzeug Werke A. G., and the General Ceramics Company, Inc.

Contract dated May 10, 1913.

Covering patents 936844 and 1124380.

Dated October 12, 1909, and January 12, 1915.

Title: Plant for heating the gas and air for combustion in gas furnaces; muffle furnaces for enameling.

Date of demand on Commissioner of Patents: February 11, 1919.

Service accepted February 20, 1919.

Recorded February 20, 1919, liber I-106, page 157 of Transfers of Patents.

Demand dated February 11, 1919, served on General Ceramics Company, Inc., 50 Church St., New York City; such service made February 25, 1919.

Demand dated February 11, 1919, served on E. Croyden Marks, Esq., 220 Broadway, New York City; such service made February 24, 1919.

Between Chemische Fabrik Helfenberg and Reinschild Chemical Company.

Contract dated December 28, 1905.

Covering patents 896807 and 943163.

Title: Agar-agar cascara.

Date of demand on Commissioner of Patents: March 24, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber Z-106, page 356 of Transfers of Patents.

Demand dated March 22, 1919, served on Reinschild Chemical Company, 47 Barclay St., New York, N. Y.; such service made April 4, 1919.

Between Huelsberg & Company, m. b. H., and Atchison, Topeka & Santa Fe Railway Company.

Contract dated January 16, 1905.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber J-106, page 447 of Transfers of Patents.

Demand dated ———, served on Atchison, Topeka & Santa Fe Railway Co., Topeka, Kansas; such service made April 23, 1919.

Between Huelsberg & Cie, m. b. H., and St. Helens Creosoting Company.

Contract dated October 24, 1913.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919; F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 438 of Transfers of Patents.

Demand dated ———, 1919, served on St. Helens Creosoting Co., 912 Yeon Building, Portland, Oregon; such service made April 18, 1919.

Between Huelsberg & Cie., m. b. H., and the Continental Tie and Lumber Company.

Contract dated February 19, 1913.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 20 of Transfers of Patents.

Between Huelsberg & Cie., m. b. H., and Kettle River Company.

Contract dated January 17, 1912.
Patents: Re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02, and 11-14-11.
Title: Method of impregnating wood.
Demand served on commissioner under date of April 8, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber S-106, page 434 of Transfers of Patents.
Demand dated May 19, 1919, served on Kettle River Company, Minneapolis, Minnesota, such service made May 21, 1919.

Between Huelsberg & Cie., m. b. H., and Atlantic Coast Line Railroad Company.
Contract dated November 28, 1913.
Patents: Re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02, and 11-14-11.
Title: Method of impregnating wood.
Date of demand on Commissioner of Patents: April 8, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber E-107, page 9 of Transfers of Patents.
Demand dated ———, 1919, served on Atlantic Coast Line Railroad Co., Wilmington, North Carolina, such service made April 19, 1919.

Between Huelsberg & Cie., m. b. H., and Southern Wood Preserving Company.
Contract dated January 14, 1915.
Patents: Re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02, and 11-14-11.
Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 443 of Transfers of Patents.

Demand dated ———, 1919, served on Southern Wood Preserving Co., of Atlanta, Georgia, such service made April 14, 1919.

Between Huelsberg & Cie., m. b. H., and the Gulf Creosoting Company.

Contract dated May 19, 1908.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Y-106, page 431 of Transfers of Patents.

Demand dated ———, 1919, served on Gulf Creosoting Co., Gulfport, Mississippi, such service made April 14, 1919.

Between Huelsberg & Cie., m. b. H., and Central Creosoting Co.

Contract dated April 23, 1917.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 15 of Transfers of Patents.

Demand dated ———, 1919, served on Central Creosoting Co., Chicago, Illinois; such service made April 12, 1919.

Between Huelsberg & Cie, m. b. H., and American Creosote Works, Inc., and American Creosote Works, Ltd.

Contract dated July 16, 1909.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 446 of Transfers of Patents.

Demand dated ———, 1919, served on American Creosote Works, Inc., and American Creosote Works, Ltd., Station B, New Orleans, La., such service made April 16, 1919.

Between Huelsberg & Cie, m. b. H., and Joseph B. Card.

Contract dated May 3, 1917.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 13 of Transfers of Patents.

Demand dated ———, 1919, served on Joseph B. Card, 111 West Washington St., Chicago, Ill.; such service made April 23, 1919.

Between Huelsberg & Cie, m. b. H., and Lemboke von Bernuth Company, Inc.

Contract dated October 6, 1911.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 436 of Transfers of Patents.

Between Huelsberg & Cie, m. b. H., and the American Creosoting Company of New Jersey.

Contract dated (no contract). (See letter R. 16713.)

Patents: Re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 444 of Transfers of Patents.

Demand dated ———, 1919, served on the American Creosoting Co. of N. J., 17 Battery Place, New York, New York; such service made April 11, 1919.

Between Huelsberg & Cie, m. b. H., and El Paso & Southwestern Company.

Contract dated August 15, 1910.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Y-106, page 430 of Transfers of Patents.

Demand dated ———, 1919, served on El Paso & Southwestern Co., 99 John St., New York, N. Y., such service made ———, 1919.

Between Huelsberg & Cie, m. b. H., and Santa Fe Tie & Lumber Preserving Company.

Contract dated January 16, 1905.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Demand served on Commissioner of Patents, April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 441 of Transfers of Patents.

Demand dated ———, 1919, served on Santa Fe Tie & Lumber Preserving Co., Galveston, Texas; such service made April 25, 1919.

Between Huelsberg & Cie, m. b. H., and Ohio Wood Preserving Company.

Contract (not dated).

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by R. F. Whitehead, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 442 of Transfers of Patents.

Between Huelsberg & Cie, m. b. H., and Southern Creosoting Company, Ltd.

Contract dated June 25, 1914.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 9, 1919.

Service accepted April 9, 1919, by R. F. Whitehead, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 440 of Transfers of Patents.

Demand dated, ———, 1919, served on Southern Creosoting Company, Ltd., Slidell, Louisiana; such service made May 12, 1919.

Between Huelsberg & Cie, m. b. H., and Pacific Creosoting Co.

Contract dated January 28, 1914.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 445 of Transfers of Patents.

Demand dated ———, 1919, served on Pacific Creosoting Co., 204 Northern Life Bldg., Seattle, Washington, such service made April 15, 1919.

Between Huelsberg & Cie, m. b. H., and Philadelphia & Reading Railway Company.

Contract dated December 18, 1912.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 435 of Transfers of Patents.

Demand dated ———, 1919, served on Philadelphia & Reading Ry. Co., Philadelphia, Pennsylvania; such service made ——— 17, 1919.

Between Huelsberg & Cie., m. b. H., and Charlotte Harbor & Northern Railway.

Contract dated July 1, 1913.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 17 of Transfers of Patents.

Demand dated ———, 1919, served on Charlotte Harbor & Northern Ry., Boca Grande, Florida; such service made May 14, 1919.

Between Huelsberg & Cie., m. b. H., and Pennsylvania Railroad Company.

Contract dated March 30, 1911.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 446 of Transfers of Patents.

Demand dated ———, 1919, served on the Pennsylvania Railroad Company, Philadelphia, Pennsylvania; such service made April 16, 1919.

Between Huelsberg & Cie., m. b. H., and Boston Elevated Railway Company.

Contract dated December 27, 1915.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 12 of Transfers of Patents.

Demand dated ———, 1919, served on Boston Elevated Railway Company, Boston, Massachusetts; such service made April 15, 1919.

Between Huelsberg & Cie, m. b. H., and Jennison-Wright Company.

Contract dated June 21, 1913.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Y-106, page 433 of Transfers of Patents.

Demand dated ———, 1919, served on Jennison-Wright Company, Toledo, Ohio; such service made April 15, 1919.

Between Huelsberg & Cie., m. b. H., and Pittsburgh Wood Preserving Company.

Contract dated September 22, 1910.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 437 of Transfers of Patents.

Between Huelsberg & Cie, m. b. H., and Central of Georgia Railway Company.

Contract dated April 15, 1912.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 16 of Transfers of Patents.

Demand dated April 19, 1919, served on Central of Georgia Railway Company, Savannah, Georgia; such service made April 21, 1919.

Between Huelsberg & Cie, m. b. H., and National Lumber & Creosoting Company.

Contract dated ——— day of ———, 1910.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 443 of Transfers of Patents.

Demand dated April 17, 1919, served on National Lumber and Creosoting Co., Texarkana, Arkansas; such service made April 17, 1919.

Between Huelsberg & Cie, m. b. H., and Missouri, Kansas & Texas Ry. Company.

Contract dated June 16, 1906.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 439 of Transfers of Patents.

Between Huelsberg & Cie, m. b. H., and Michigan Wood Preserving Company.
Contract (not dated). (See letter in R-150.)
Patents: Re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02, and 11-14-11.
Title: Method of impregnating wood.
Date of demand served on Commissioner of Patents: April 8, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber S-106, page 437 of Transfers of Patents.

Between Huelsberg & Cie, m. b. H., and St. Paul & Tacoma Lumber Company.
Contract (none of record).
Patents: Re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02, and 11-14-11.
Title: Method of impregnating wood.
Date of demand served on Commissioner of Patents: April 8, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Demand dated ———, 1919, served on St. Paul & Tacoma Lumber Company.

Between Huelsberg & Cie, m. b. H., and Ayer & Lord Tie Company.
Contract dated April 19, 1907.
Patents: Re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02, and 11-14-11.
Title: Method of impregnating wood.
Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 10 of Transfers of Patents.

Demand dated ———, 1919, served on Ayer & Lord Tie Company, Chicago, Illinois; such service made April 14, 1919.

Between Huelsberg & Cie, m. b. H., and Compressed Wood Preserving Company.

Contract dated March 10, 1916.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02, and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 19 of Transfers of Patents.

Demand dated ———, 1919, served on Compressed Wood Preserving Company, Cincinnati, Ohio; such service made April 16, 1919.

Between Erzroest Gesellschaft and Granby Mining & Smelting Company.

Contract dated January 19, 1916.

Covering Patent 979349.

Dated 12-20-10.

Title: Improvements in furnaces for roasting ores.

Date of demand served on Commissioner of Patents: April 7, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Z-106, page 354 of Transfers of Patents.

Between Erzroest Gesellschaft, m. b. H., and the National Zinc Company.
Contract dated October 21, 1915.
Patent 979349.
Dated 12-20-10.
Title: Improvements in furnaces for roasting ores.
Date of demand served on Commissioner of Patents: April 7, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber Z-106, page 362 of Transfers of Patents.

Between Erzroest Gesellschaft, m. b. H., and the Grasselli Chemical Company.
Contract dated February 27, 1914.
Covering Patent 979349.
Dated 12-20-10.
Title: Improvements in furnaces for roasting ores.
Date of demand served on Commissioner of Patents: April 7, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber Z-106, page 350 of Transfers of Patents.

Between C. H. Bormann and General Ceramics Company, Inc.
Contract dated May 24, 1913.
Covering Patents 881806 and 1151801.
Dated 3-10-08 and 8-31-15.

Titles: Process of removing chlorin from raw bromin; apparatus for separating liquid mixtures into two components.

Date of demand served on Commissioner of Patents: February 11, 1919.

Service of demand accepted February 20, 1919, by J. T. Newton, Commissioner of Patents.

Recorded February 20, 1919, liber O-106, page 253 of Transfers of Patents.

Demand dated February 11, 1919, served on B. Singer, 233 Broadway, New York, New York; such service made March 26, 1919.

Demand dated February 11, 1919, served on General Ceramics Company, 50 Church Street, New York City; such service made February 25, 1919.

SCHEDULE 2.

The instrument dated May 2, 1919, and recorded in the United States Patent Office on May 21, 1919, in Liber J-107, page 152, a copy of which instrument is set out in Exhibit H-2 attached to this bill of complaint, enumerated the following trade-marks:

No.	Date of Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording [1]	Book.	Page.
68059	Mar. 3, 1908	"Duron"	1919. Apr. 30	1919. May 9	R-107	102
68059	Mar. 3, 1908	"Duron"	Apr. 30	May 9	R-107	104
70391	Aug. 25, 1908	"C. W. H. H."	Apr. 30	May 9	R-107	103
70391	Aug. 25, 1908	"C. W. H. H."	Apr. 30	May 9	R-107	105

[1] Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

The Alien Property Custodian duly seized all of the rights, interests, and benefits created in favor

of or conferred upon Chemische Werke Hansa, G. m. b. H., Maritz Bernhard Max Knoblauch, liquidator of Chemische Werke Hansa, G. m. b. H., and Hansa Werke, A. G., pursuant to the terms of a certain agreement dated January 27, 1910, between Chemische Werke Hansa, G. m. b. H., and Arabol Manufacturing Company, granting to said Chemische Werke Hansa, G. m. b. H., its successors or assigns, certain rights with respect to stock ownership in a corporation thereafter to be formed; and by certain agreement believed to be dated between January 27, 1910, and February 11, 1910, between said Chemische Werke Hansa, G. m. b. H., and Amid Duron Company, the corporation formed pursuant to the terms of the agreement of January 27, 1910, above referred to, and granting to said Chemische Werke Hansa, G. m. b. H., a certain royalty in return for certain exclusive rights with respects to patents and trade-marks belonging to said Chemische Werke Hansa, G. m. b. H.; and also all rights and interests to and in any sum or sums of money hereafter accruing in favor of or becoming due or payable to said Chemische Werke Hansa, G. m. b. H., its successors or assigns, under the terms of said agreements; and also all claims and demands whatsoever created or existing in favor of or conferred upon said enemy against Amid Duron Company and Arabol Manufacturing Company.

Said demands were served also upon the following:

Amid Duron Company, 100 William Street, New York City.

Arabol Manufacturing Company, 100 William Street, New York City, in addition to service on the Commissioner of Patents.

SCHEDULE 3.

The instrument dated May 6, 1919, and recorded in the United States Patent Office on May 21, 1919, in Liber A-107, page 229, a copy of which instrument is set out in Exhibit H-3 attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
			1919.	1919.		
1231933	July 3, 1917	Compass for ships and the like	Mar. 28	Apr. 4	Z-106	317
1231933	July 3, 1917	Compasses for ships and the like	July 28	Aug. 25	D-108	310
1186339	June 6, 1916	Gyroscopic compass	Mar. 28	Apr. 4	Z-106	317
1186686	June 13, 1916	Gyroscopic compass	Mar. 28	Apr. 4	Z-106	317
1228061	May 29, 1917	Device for damping oscillations of a gyroscope pendulum.	Mar. 28	Apr. 4	Z-106	317
794654	July 11, 1905	Gyroscope	Mar. 28	Apr. 4	Z-106	317
841612	Jan. 15, 1907	Suspension of rotating apparatus and magnetic compasses.	Mar. 28	Apr. 4	Z-106	317
877034	Jan. 21, 1908	Gyroscope	Mar. 28	Apr. 4	Z-106	317
973611	Oct. 25, 1910	Gyroscope	Mar. 28	Apr. 4	Z-106	317
1019582	Mar. 5, 1912	Gyroscope	Mar. 28	Apr. 4	Z-106	317
1092816	Apr. 14, 1914	Gyroscope compass	Mar. 28	Apr. 4	Z-106	317
1092816	Apr. 14, 1914	Gyroscope compasses	Apr. 19	June 6	A-108	6
1141099	June 1, 1915	Artificial horizon	May 6	May 8	U-107	60
1173241	Feb. 29, 1916	Gyroscopic apparatus	Mar. 28	Apr. 4	Z-106	317
1180365	Apr. 25, 1916	Method of gyroscopic control	Mar. 28	Apr. 4	Z-106	317
1180365	Apr. 25, 1916	Method gyroscopic control	Apr. 19	June 6	A-108	5
1180815	Apr. 25, 1916	Gyroscopic compass	Mar. 28	Apr. 4	Z-106	317

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

SCHEDULE 4.

The instrument dated May 15, 1919, and recorded in the United States Patent Office on May 21, 1919, in Liber X-107, page 188 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-4 attached to this bill of complaint, enumerated the following patent:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording[1].	Book.	Page.
868397	Oct. 15, 1907	Transforming-nozzle for obtaining kinetic energy from flowing gases and vapors.	1919. Apr. 27 May 8	1919. May 11 May 13	Z-106 R-107	485 130

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

SCHEDULE 5.

The instrument dated June 17, 1919, and recorded in the United States Patent Office on June 27, 1919, in Liber L-107, page 242, a copy of which instrument is set out in Exhibit H-5 attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
973253	Mar. 12, 1912	Manufacture of incandescence bodies for gas lighting.	1919. May 12	1919. May 14	I-107	56
1061539	May 13, 1913	Apparatus for administering narcotics.	May 26	May 27	L-107	135
1167518	Jan. 11, 1916	Manufacturing froth fillings	May 26	May 27	T-107	132
851960	Apr. 30, 1907	Process of manufacturing of elastic fittings for tires.	May 26	May 27	T-107	132
862286	Aug. 6, 1907	Filter for dust suction apparatus	May 26	May 27	E-107	219
986712	Mar. 14, 1911	Vat washing machine ring	May 26	May 27	L-107	132
1083721	Jan. 6, 1914	Flexible occlusive pessary	May 26	May 27	P-107	191
1180391	Apr. 25, 1916	Device for lathering preparatory to shaving.	May 26	May 27	L-107	124
1001892	Aug. 29, 1911	Balloon envelope material	May 26	May 27	T-107	133
1180704	Apr. 25, 1916	Method of producing waterproof coatings on objects which are influenced by humidity.	May 26 July 28	May 27 Sept. 18	K-107 F-108	83 262
962769	June 28, 1910	Method of manufacturing cellulose structures.	May 26	May 27	E-107	214
868397	Oct. 15, 1907	Transforming nozzle for obtaining kinetic energy from flowing gases and vapors.	Apr. 27	May 1	Z-106	485
1241926	Oct. 2, 1917	Insulation of condensers for telephone circuits.	May 26	May 27	K-107	78
1020255	Oct. 18, 1910	Method of producing incandescent mantles.	May 12	May 14	I-107	57
1181431	May 2, 1916	Manufacture of gas	May 12	May 14	I-107	58
1228879	June 5, 1917	Manufacture of gas	May 12 July 11	May 14 Aug. 18	I-107 C-108	58 288

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S Patent Office.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
			1919.	1919.		
1251954	Jan. 1, 1918	Process for producing liquid or soluble organic combinations from hard coal and the like.	May 12 Mar. 21	May 14 Mar. 28	I-107 H-106	60 406
1060938	May 6, 1913	Method of tinning and leading metals.	June 3	June 9	G-107	217
1302895	Apr. 1, 1912	Negative electrode for searchlights and other like.	June 3	June 9	A-107	303
1088518	Feb. 24, 1914	Method of refrigerating liquids	June 3	June 9	A-107	301
1037515	Sept. 3, 1912	Bronze foil	June 3	June 9	G-107	212
976894	Nov. 22, 1910	Process of providing bronze powder and dust colors with a coat of varnish.	June 3	June 9	G-107	212
1166886	Jan. 4, 1916	Vessel for boiling lye	June 3	June 9	W-107	183
1062522	May 20, 1913	Separation of substances by the wet magnetic process.	June 3	June 9	W-107	183
1114071	Oct. 20, 1914	Magnetic separator	June 3	June 9	W-107	183
1089993	Mar. 10, 1914	Magnetic separator	June 3	June 9	W-107	183
1130648	Mar. 2, 1915	Magnetic separator	June 3	June 9	W-107	183
1129822	Feb. 23, 1915	Magnetic separator	June 3	June 9	W-107	183
1055952	Mar. 11, 1913	Apparatus for the automatic manufacture and direct supply of aerated beverages.	June 3	June 9	L-107	192
1152060	Aug. 31, 1915	Manufacture of colored foil, bronze foil, and metal foil.	Feb. 3	June 9	L-107	193
879424	Feb. 18, 1908	Process of making azo dyes containing radicals of higher fatty acids.	June 3	June 9	L-107	193
1294082	Feb. 18, 1919	Producing substances resembling caoutchouc.	May 26	May 27	L-107	133
1072276	Sept. 2, 1913	Magnetic separator	June 3	June 9	W-107	185
1072277	Sept. 2, 1913	Apparatus for the magnetic separation of ores and other material.	June 3	June 9	W-107	185
1037563	Sept. 3, 1912	Magnetic separator	June 3	June 9	W-107	185
1141572	June 1, 1915	Extraction of juice from sugar and similar saccharine material.	June 3	June 9	D-107	280
1155237	Sept. 28, 1915	Apparatus for cooling and purifying furnace gases.	June 3	June 9	S-107	190
1071276	Aug. 26, 1913	Apparatus for the production of air gas.	June 3	June 9	W-107	181
1063081	May 27, 1913	Apparatus for the production of air gas.	June 3 July 18	June 9 July 31	W-107 B-108	181 358
1296188	Nov. 3, 1914	Process for making anodes of solid manganese peroxid.	June 3	June 9	S-107	189
1138202	May 4, 1915	Apparatus for purifying water by means of ozonized air.	June 3	June 9	S-107	189
1164987	Dec. 21, 1915	Method of and apparatus for projecting Roentgen images.	June 3	June 9	S-107	189
1156317	Oct. 12, 1915	Electromedical apparatus	July 28 June 3	Oct. 15 June 9	J-108 S-107	70 189
1204489	Nov. 14, 1916	Measuring magnetic properties of materials and apparatus therefor.	June 3 July 22 July 28	June 9 July 31 Sept. 22	S-107 B-108 G-108	189 150 236
1180687	Apr. 25, 1916	Absorption machine	June 3	June 9	N-107	229
886590	May 5, 1908	Blast or exhaust apparatus	June 3	June 9	H-107	144
1296847	Mar. 11, 1919	Process for making cellulose esters with over 20% of bound fatty acid.	June 3	June 9	G-107	215
1292544	Jan. 28, 1919	Process for the precipitation of viscose for the production of artificial threads and other structures	June 3	June 9	X-107	271
1262134	Apr. 9, 1918	Apparatus for making metallic coatings.	May 26	May 27	R-107	204
1009863	Nov. 28, 1911	Furnace for extracting zinc	May 26	May 27	R-107	203
1169895	Feb. 1, 1916	Manufacture of reinforced pasteboard and the like.	May 26	May 27	F-107	202
1197315	Sept. 5, 1916	Reinforced paper	May 26	May 27	F-107	202
1298880	Apr. 1, 1919	Subaqueous torch and method of igniting.	June 5	June 9	A-107	302

Said instrument dated June 17, 1919, and recorded in the United States Patent Office on June 27, 1919, in Liber L-107, page 242, a copy of which instrument is set out in Exhibit H-5, attached to this bill of complaint, also enumerated the following applications and serial numbers:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or record[1].	Book.	Page.
			1919.	1919.		
865707	Oct. 8, 1914	Magnetic separator	June 3	June 9	W-107	186
92032	Apr. 18, 1916	Apparatus for treating liquids by ultra-violet rays.	June 3	June 9	G-107	214
87239	Mar. 28, 1916	Apparatus for treating liquids by ultra-violet rays.	June 3	June 9	G-107	214
77305	Feb. 9, 1916	Magnetic drum separator	June 3	June 9	W-107	188
73374	Jan. 21, 1916	Magnetic separator	June 3	June 9	W-107	188
802513	Nov. 22, 1913	Chemical fire extinguisher	June 3	June 9	L-107	191
48674	Sept. 2, 1915	Process and device for continuous treatment of hydrocarbons with liquefied sulphurous acid.	June 3	June 9	H-107	145
30669	May 26, 1915	Cartridge for chemical fire extinguisher.	June 3	June 9	S-107	183
44727	Aug. 10, 1915	Device for dry granulation of slag.	June 3	June 9	R-107	248
48667	Sept. 2, 1915	Method of extracting juice from sugar cane.	June 3	June 9	D-107	281
8023	Feb. 13, 1915	Chemical fire extinguisher	June 3	June 9	S-107	182
77306	Feb. 9, 1916	Method of and apparatus for separating magnetic material.	June 3	June 9	W-107	187
775764	June 25, 1913	Objects having great strength against the action of acids.	June 5	June 9	L-107	190
814194	Jan. 24, 1914	Process for producing steel	June 5	June 9	X-107	259
188040	Aug. 24, 1917	Process of decomposing air	May 12	May 14	W-107	98
719658	Sept. 10, 1912	Process of subdividing metal for use in plastic metallic packing.	Mar. 1	Mar. 26	Q-106	357
188039	Aug. 24, 1917	Process of separating constituents of air, etc.	June 17	June 18	P-107	284
998091	July 18, 1911	Color measuring device	June 21	June 23	Y-107	206
643568	Aug. 11, 1911	Art of separating suspended particles from gaseous bodies.	June 17	June 18	K-107	188
682331	Mar. 7, 1912	Electric means for the separation of suspended matter from gaseous fluids.	June 17	June 18	K-107	188

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

SCHEDULE 6.

The instrument dated June 21, 1919, and recorded in the United States Patent Office on July 10, 1919,

in Liber H-107, page 259 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-6 attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
998091	July 18, 1911	Color measuring device	1919. June 21	1919. June 23	Y-107	206
805241	Nov. 21, 1905	Metal stamping machine	June 21	June 23	O-107	311

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

Said instrument dated June 21, 1919, and recorded in the United States Patent Office on July 10, 1919, in Liber H-107, page 259 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-6 attached to his bill of complaint, also enumerated the following application for patent:

No.	Date of filing.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
879612	Dec. 29, 1914	Method of producing porous radio-active bodies.	1919. June 21	1919. June 23	O-107	313

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

Said instrument, dated June 21, 1919, and recorded in the United States Patent Office on July 10, 1919, in liber H-107, page 259, of Transfers of Patents, a copy of which instrument is set out in Exhibit "H-6" attached to this bill of complaint, also enumerated the following trade-marks:

No.	Date	For—	Date of demand	Demand recorded in records of the U. S. Patent Office		
				Date of filing or recording.[1]	Book	Page
82837	July 25, 1911	Perfumery	1919. May 26 1921. June 29	1919. May 27 1921. July 1	R-107 V-113	206 328
18323	Aug. 19, 1890	Antibacterials, aseptics, antiseptics, and antizymotics.	1919. June 5	1919. June 25	B-107	349
86982	June 18, 1912	Wound powder	May 12	May 14	X-107	133

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

Said instrument, dated June 21, 1919, and recorded in the United States Patent Office on July 10, 1919, in liber H-107, page 259, of Transfers of Patents, a copy of which instrument is set out in Exhibit "H-6" attached to this bill of complaint, also enumerated certain contract rights growing out of the following contracts:

Between Cerofirm-Gesellschaft, G. M. B. H., and Harry Polasky & O. B. Eisendrath, copartners trading as the New Process Gas Mantle Company.

Contract dated April 3, 1914.

Covering Patent No. 1020255.

Dated March 12, 1912.

Title: Method of producing incandescent mantles.

Date of demand served on Commissioner of Patents: June 21, 1919.

Service accepted June 21, 1919.

Recorded June 23, 1919, liber T-107, page 209, of Transfers of Patents.

Between firm of E. Merck and Merck & Company.

Contract (verbal).

Covering trade-mark Nos. 32737 and 27388.

Dated 4-18-99 and 12-3-95.

Title: Certain named medicinal chemicals and soporifics.

Date of demand served on Commissioner of Patents: June 5, 1919.

Service accepted June 25, 1919.

Recorded June 25, 1919, liber B-107, page 350, of Transfers of Patents.

Between Alfred Wilm & Heinrich Krautschneider and Electric Boat Company.

Contract dated October 6, 1910, covered the following patents:

Patent No.	Date of issue	Title
868383	Oct. 8, 1907	Process for improving aluminum by heating and chilling.
995113	June 13, 1911	Aluminum alloy.
1083903	Jan. 6, 1914	Process of improving alloys.
1130785	Mar. 9, 1915	Aluminum alloy.
1261987	Apr. 9, 1918	Method of making aluminum-alloy articles.

Date of demand served on Commissioner of Patents: April 26, 1919.

Service accepted May 7, 1919.

Recorded May 7, 1919, liber R-107, page 95, of Transfers of Patents.

Demand dated April 26, 1919, served on Electric Boat Company, 11 Pine Street, New York City, such service made May 27, 1919.

SCHEDULE 7.

The instrument dated October 17, 1919, and recorded in the United States Patent Office on November 14, 1919, in liber P-108, page 441, a copy of which instrument is set out in Exhibit H-7, attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page
			1919.	1919		
782129	Feb. 7, 1905	Gas retort	July 22	July 31	B-108	41
782129	Feb. 7, 1905	Gas retort	Aug. 25	Aug. 28	K-107	449
801268	Oct. 10, 1905	Closing devices for gas retorts	July 11	Aug. 8	C-108	341
			Aug. 25	Aug. 28	V-107	447
815438	Mar. 20, 1906	Retort-charging apparatus	Aug. 25	Aug. 28	V-107	447
819596	May 1, 1906	Hydraulic condenser	July 28	Aug. 25	D-108	400
819596	May 1, 1906	Hydraulic condenser	Aug. 25	Aug. 28	V-107	445
822246	June 5, 1906	Gas-producing apparatus	Aug. 25	Aug. 28	U-108	9
822246	June 5, 1906	Gas-producing apparatus	July 11	Aug. 8	C-108	288
853830	July 25, 1905	Nitro glycerine explosive	Oct. 15	Nov. 4	R-108	349
904043	Nov. 17, 1908	Manufacture of gas	July 11	Aug. 8	C-108	288
904043	Nov. 17, 1908	Manufacture of gas	Aug. 25	Aug. 28	U-108	9
926702	June 29, 1909	Apparatus for charging gas retorts	Aug. 25	Aug. 28	Y-107	471
928494	July 20, 1909	Gas furnace	Aug. 25	Aug. 28	U-108	9
955970	Apr. 26, 1910	Process of charging upright gas retorts	July 15	July 31	B-108	177
			Aug. 25	Aug. 28	Y-107	471
1000298	Aug. 8, 1911	Preparation for slowly liberating oxygen	Sept. 11	Sept. 26	K-108	167
1005816	Oct. 17, 1911	Portable breathing apparatus	July 28	Oct. 11	I-108	409
			Aug. 25	Aug. 28	W-108	5
1033681	July 23, 1912	Universal coupling	July 28	Oct. 6	I-108	33
			Aug. 25	Aug. 28	W-108	5
1044031	Nov. 12, 1912	Method of causing artificial respirations	July 28	Oct. 11	I-108	409
			Aug. 25	Aug. 28	W-108	5
1049346	Jan. 7, 1913	Artificial breathing apparatus	July 28	Oct. 11	I-108	409
			Aug. 25	Aug. 28	W-108	5
1083674	Feb. 3, 1914	Battery for absorbing carbonic acid such as used in breathing apparatus	July 28	Oct. 11	I-108	409
			Aug. 25	Aug. 28	W-108	5
1208134	Dec. 12, 1916	Method of heating coke and the like	Aug. 25	Aug. 28	V-107	447
1208134	Dec. 12, 1916	Method of heating coke ovens and the like	July 28	Sept. 18	F-108	281
1214941	Feb. 6, 1917	Resuscitating devices	July 28	Oct. 11	I-108	409
			Aug. 25	Aug. 28	W-108	5
1216423	Mar. 6, 1917	Roentgen-ray tube	Sept. 23	Sept. 26	W-108	127
1122011	Dec. 22, 1914	Process and apparatus for producing Roentgen rays	Aug. 25	Aug. 28	Y-107	473
1216423	Mar. 6, 1917	Roentgen-ray tube	Aug. 25	Aug. 28	Y-107	473
1138517	Apr. 20, 1915	Artificial breathing apparatus	July 28	Oct. 11	I-108	409
			Aug. 25	Aug. 28	W-108	5

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

SCHEDULE 8.

The instrument dated December 9, 1919, and recorded in the United States Patent Office on December 19, 1919, in liber Z-109, page 69 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-8 attached to this bill of complaint, enumerated the following serial numbers or applications for patents:

No.	Date of filing.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
			1919.	1919.		
290362	Apr. 15, 1919	Machine for producing narrow paper strips.	Nov. 29	Dec. 2	I-109	68
309149	July 7, 1919	Method and apparatus for narrowing or rounding fibre strips in manufacturing rovings from paper pulp and similar fibrous material.	Nov. 29	Dec. 2	I-109	63
303942	June 21, 1919	Process of obtaining furfurol in addition to glucose from substance containing cellulose.	Nov. 29	Dec. 2	H-109	80
309148	July 7, 1919	Device for leading away and distributing fibre strips in manufacturing rovings from paper pulp, etc.	Nov. 29	Dec. 2	I-109	67
294904	May 5, 1919	Machine for producing small, fibrous materials.	Nov. 29	Dec. 2	I-109	67
294903	May 15, 1919	Machine for manufacturing fibre strips from paper and the like.	Nov. 29	Dec. 2	I-109	67
301757	June 4, 1919	Device for coloring, painting, impregnating or smearing paper or the like breadths of material.	Nov. 29	Dec. 2	N-109	19
297711	May 16, 1919	Process of manufacturing a wool substitute from cellulose and similar solutions.	Nov. 29	Dec. 2	R-108	457
298309	May 15, 1919	Method of and apparatus for forming glass tubes.	Nov. 29	Dec. 2	B-109	123
298811	May 21, 1919	Proceedings for the increase of the produce of fusel oils in fermenting processes.	Nov. 29	Dec. 2	D-109	87
278440	Feb. 21, 1919	Method of producing fermentation preparations.	Nov. 29	Dec. 2	D-109	89
297174	May 14, 1919	Process of making a decolorising medium for watery liquids, oils, fats, and other liquids and the decolorising medium produced thereby.	Nov. 29	Dec. 2	D-109	88
302368	June 6, 1919	Process for the manufacture of meat extracts and like preparations.	Nov. 29	Dec. 2	I-109	60
290333	Apr. 15, 1919	Process for preparing a fodder from straw or other materials characterised by their contents of raw fibres.	Nov. 29	Dec. 2	L-109	39

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

No.	Date of filing.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording	Book.	Page.
290334	Apr. 15, 1919	Process for preparing a fodder from straw or other materials characterized by their contents of raw fibre.	Nov. 29	Dec. 2	L-109	29
290335	Apr. 15, 1919	Process for preparing a fodder from straw or other materials characterized by their contents of raw fibres.	Nov. 29	Dec. 2	L-109	29
303525	June 11, 1919	Process of preparing a fodder from straw.	Nov. 29	Dec. 2	L-109	29
316833	Aug. 11, 1919	Process for preparing a fodder from straw (e. g. of corn or legumes) or other similar stuffs characterized by their contents of raw fibres, such as rush forest grass, chaff Indian corn and the like, by treating the same by means of alkalilye.	Nov. 29	Dec. 2	L-109	29
296208	May 10, 1919	Relating to a process of preparing a fodder from straw of corn or legumes.	Nov. 29	Dec. 2	L-109	29
297712	May 16, 1919	Process for producing spun material resembling wool, cotton, or chappe from viscose solutions.	Nov. 29	Dec. 2	R-108	458
307234	June 27, 1919	Process for the preparation of dinitroglycol and its homologues.	Nov. 29	Dec. 2	R-108	462
298810	May 21, 1919	Process of extending the catalytic of mercury compounds.	Nov. 29	Dec. 2	D-109	88

SCHEDULE 9.

The instrument dated February 26, 1920, and recorded in the United States Patent Office on December 21, 1920, in liber W-112, page 1 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-9 attached to this bill of complaint, enumerated certain contract rights growing out of the following contracts:

Between Badische Aniline and Sode Fabrik and Theodore Goldschmidt, assignor to the Goldschmidt Chemical Co., assignor to the Goldschmidt Detinning Co., now the Metal Thermit Corp.

Contract dated March 12, 1907.

Patent (not given).

Title: Manufacture of chlorine.

Date of demand served on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber R-106, page 475 of Transfers of Patents.

Demand served on Metal and Thermit Corporation, 120 Broadway, New York, N. Y.; such service made March 26, 1919.

Between Dr. Frederick Supf and Arabol Manufacturing Company.

Contract not dated, but acknowledged October 12, 1908.

Covering Patent No. 974448.

Dated November 1, 1910.

Titles: Process of liquefying organic colloids.

Demand served on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber Q-106, page 441 of Transfers of Patents.

Demand dated March 22, 1919, served on Arabol Manufacturing Company, 100 William Street, New York, N. Y.; such service made March 26, 1919.

Between Kathreiners Malzkaffee Fabriken m. b. H., and William Rahr, Max Rahr, and Reinhardt Rahr, assignors to Kneipp Malt Food Company.

Contract dated June 26, 1895.

Covering Patent (S. N.) 513252.

Title: Kneipp malt, a coffee substitute.

Date of demand served on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber K-106, page 499 of Transfers of Patents.

Between Rheinische Dampfkessel and Maschinenfabrik Buttner, G. M. B. H., and Stearns-Roger Manufacturing Company.

Contract dated December 20, 1912.

Covering Patent No. 1078125.

Dated November 11, 1913.

Title: Cellular drying apparatus.

Date of demand served on Commissioner of Patents: March 22, 1919.

Service of demand accepted April 9, 1919.

Recorded April 9, 1919, liber R-106, page 479 of Transfers of Patents.

Demand dated March 22, 1919, served on Stearns-Roger Manufacturing Company, 1720 California St., Denver, Colo., such service made May 13, 1919.

Between Friedrich Dresche and Becton Dickinson and Company.

Contract dated June 1, 1912.

Covering Patent No. 823859.

Dated June 19, 1906.

Title: Apparatus for shaking thermometers.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber U-106, page 384 of Transfers of Patents.

Demand dated March 22, 1919, served on Becton Dickinson and Company, Rutherford, N. J., such service made April 16, 1919.

Between F. H. Kindel, agent for Coln-Musener-Berwegs Aktienverein and Burdette Manufacturing Company, assignor to the Oxygen Protective Association.

Contract dated January 18, 1916.

Covering Patent No. 703940.

Dated July 1, 1902.

Title: Process of fusion of metals.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber N-106, page 496 of Transfers of Patents.

Demand dated ———, served on Oxygen Protective Association, c-o F. L. Horton, Packers and Exchange Ave., Chicago, Ill., such service made ———.

Between Chemische Fabrik Rhenia and Schoellkopf Hartford and Hanna Company, assignor to the Contact Process Company.

Contract dated May 26, 1902.

Patent (not given).

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber R-106, page 473 of Transfers of Patents.

Demand dated March 22, 1919, served on Contract Process Company, Buffalo, New York; such service made April 12, 1919.

Between Leon Lilienfeld and Eastman Kodak Company.

Patent	Date of issue	Title
1188378	June 20 1916	Alkyl ethers of cellulose and process of making same.
1217027	Feb. 20, 1917	Film and process of producing same.

Contract dated August 5, 1912, covering the following patents:

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber N-106, page 488 of Transfers of Patents.

Demand dated March 22, 1919, served on Eastman Kodak Company, Rochester, N. Y.; such service made April 19, 1919.

Between Schulke & Mayr Aktiengesellschaft and Lehn & Fink, Inc.

Contract dated February 5, 1914.

Covering trade-marks 53937 and 53938.

Dated June 12, 1906.

Title: Lysol.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber Q-106, page 440 of Transfers of Patents.

Demand dated March 24, 1919, served on Lehn & Fink, Inc., 120 Williams Street, New York, New York; such service made March 24, 1919.

Between Oskar Zahn, doing business as Oskar Zahn Buro, and the Deutsche Ton-und Steinzeug-Werke A. G. and the General Ceramics Company.

Contract dated July 26, 1913.

Covering Patent No. 1099451.

Dated June 9, 1914.

Title: Process for the continuous production of dry hydrochloric acid and potassium bisulfate from potassium chlorid and sulfuric acid.

Date of demand on Commissioner of Patents: February 11, 1919.

Service accepted February 20, 1919.

Recorded February 11, 1919, liber Q-106, page 172 of Transfers of Patents.

Demand dated February 11, 1919, served on General Ceramics Co., Inc., 50 Church Street, New York City; such service made February 25, 1919.

Between Oskar Zahn and the Deutsche Ton-und Steinzeug Werke A. G., and the General Ceramics Company, Inc.

Contract dated May 10, 1913.

Covering Patents 936844 and 1124380.

Dated October 12, 1909, and January 12, 1915.

Title: Plant for heating the gas and air for combustion in gas furnaces; muffle furnaces for enameling.

Date of demand on Commissioner of Patents: February 11, 1919.

Service accepted February 20, 1919.

Recorded February 20, 1919, liber I-106, page 157 of Transfers of Patents.

Demand dated February 11, 1919, served on General Ceramics Company, Inc., 50 Church Street, New York City; such service made February 25, 1919.

Demand dated February 11, 1919, served on E. Croyden Marks, Esq., 220 Broadway, New York City; such service made February 24, 1919.

Between Chemische Fabrik Helfenberg and Keinschild Chemical Company.

Contract dated December 28, 1905.

Covering Patents 896807 and 943163.

Title: Agar-agar cascara.

Date of demand on Commissioner of Patents: March 24, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber Z-106, page 356 of Transfers of Patents.

Demand dated March 22, 1919, served on Reinschild Chemical Company, 47 Barclay Street, New York, N. Y.; such service made April 4, 1919.

Between Huelsberg & Company, m. b. H., and Atchison, Topeka and Santa Fe Railway Company.

Contract dated January 16, 1905.

Patents: Re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber J-106, page 447 of Transfers of Patents.

Demand dated ——— served on Atchison, Topeka & Santa Fe Railway Co., Topeka, Kansas; such service made April 23, 1919.

Between Huelsberg & Cie, m. b. H., and St. Helens Creosoting Company.

Contract dated October 24, 1913.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 438 of Transfers of Patents.

Demand dated ———, 1919, served on St. Helens Creosoting Co., 912 Yeon Building, Portland, Oregon; such service made April 18, 1919.

Between Huelsberg & Cie, m. b. H., and the Continental Tie and Lumber Company.

Contract dated February 19, 1913.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 20, of Transfers of Patents.

Between Huelsberg & Cie, m. b. H., and Kettle River Company.

Contract dated January 17, 1912.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Demand served on Commissioner under date of April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 434, of Transfers of Patents.

Demand dated May 19, 1919, served on Kettle River Company, Minneapolis, Minnesota; such service made May 21, 1919.

Between Huelsberg & Cie, m. b. H., and Atlantic Coast Line Railroad Company.

Contract dated November 28, 1913.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 9, of Transfers of Patents.

Demand dated ———, 1919, served on Atlantic Coast Line Railroad Co., Wilmington, North Carolina; such service made April 19, 1919.

Between Huelsberg & Cie, m. b. H., and Southern Wood Preserving Company.

Contract dated January 14, 1915.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 443, of Transfers of Patents.

Demand dated ———, 1919, served on Southern Wood Preserving Co. of Atlanta, Georgia; such service made April 14, 1919.

Between Huelsberg & Cie, m. b. H., and the Gulf Creosoting Company.

Contract dated May 19, 1908.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents, April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Y-106, page 431, of Transfers of Patents.

Demand dated ———, 1919, served on Gulf Creosoting Co., Gulfport, Mississippi; such service made April 14, 1919.

Between Huelsberg & Cie, m. b. H., and Central Creosoting Co.

Contract dated April 23, 1917.

Patents Nos. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber F-107, page 15, of Transfers of Patents.

Demand dated ———, 1919, served on Central Creosoting Co., Chicago, Illinois; such service made April 12, 1919.

Between Huelsberg & Cie, m. b. H., and American Creosote Works, Inc., and American Creosote Works, Ltd.

Contract dated July 16, 1909.

Patents: Re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 446 of Transfers of Patents.

Demand dated ———, 1919, served on American Creosote Works, Inc., and American Creosote Works, Ltd., Station B, New Orleans, La.; such service made April 16, 1919.

Between Huelsberg & Cie., m. b. H., and Joseph B. Card.

Contract dated May 3, 1917.

Patents: Re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 13 of Transfers of Patents.

Demand dated ———, 1919, served on Joseph B. Card, 111 West Washington Street, Chicago, Ill.; such service made April 23, 1919.

Between Huelsberg & Cie, m. b. H., and Lemboke von Bernuth Company, Inc.

Contract dated October 6, 1911.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of Impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 436 of Transfers of Patents.

Between Huelsberg & Cie., m. b. H., and the American Creosoting Company of New Jersey.

Contract dated (no contract). (See letter R. 16713.)

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 444 of Transfers of Patents.

Demand dated ———, 1919, served on the American Creosoting Co. of N. J., 17 Battery Place, New York, New York; such service made April 11, 1919.

Between Huelsberg & Cie., m. b. H., and El Paso & Southwestern Company.

Contract dated August 15, 1910.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Y-106, page 430 of Transfers of Patents.

Demand dated ———, 1919, served on El Paso & Southwestern Co., 99 John St., New York, N. Y.; such service made ———, 1919.

Between Huelsberg & Cie., m. b. H., and Santa Fe Tie & Lumber Preserving Company.

Contract dated January 16, 1905.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 441 of Transfers of Patents.

Demand dated ———, 1919, served on Santa Fe Tie & Lumber Preserving Co., Galveston, Texas; such service made April 25, 1919.

Between Huelsberg & Cie, m. b. H., and Ohio Wood Preserving Company.

Contract (not dated).

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by R. F. Whitehead, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 442 of Transfers of Patents.

Between Huelsberg & Cie., m. b. H., and Southern Creosoting Company, Limited.

Contract dated June 25, 1914.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 9, 1919.

Service accepted April 9, 1919, by R. F. Whitehead, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 440 of Transfers of Patents.

Demand dated ———, 1919, served on Southern Creosoting Company, Ltd., Slidell, Louisiana; such service made May 12, 1919.

Between Huelsberg & Cie., m. b. H., and Pacific Creosoting Co.

Contract dated January 28, 1914.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 445 of Transfers of Patents.

Demand dated ———, 1919, served on Pacific Creosoting Co., 204 Northern Life Building, Seattle, Washington; such service made April 15, 1919.

Between Huelsberg & Cie., m. b. H., and Philadelphia & Reading Railway Company.

Contract dated December 18, 1912.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 435, of Transfers of Patents.

Demand dated ———, 1919, served on Philadelphia & Reading Ry. Co., Philadelphia, Pennsylvania; such service made ——— 17, 1919.

Between Huelsberg & Cie., m. b. H., and Charlotte Harbor & Northern Railway.

Contract dated July 1, 1913.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 17, of Transfers of Patents.

Demand dated ———, 1919, served on Charlotte Harbor & Northern Ry., Boca Grande, Florida; such service made May 14, 1919.

Between Huelsberg & Cie., m. b. H., and Pennsylvania Railroad Company.

Contract dated March 30, 1911.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 446 of Transfers of Patents.

Demand dated ———, 1919, served on the Pennsylvania Railroad Company, Philadelphia, Pennsylvania; such service made April 16, 1919.

Between Huelsberg & Cie., m. b. H., and Boston Elevated Railway Company.

Contract dated December 27, 1915.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 12 of Transfers of Patents.

Demand dated ———, 1919, served on Boston Elevated Railway Company, Boston, Massachusetts; such service made April 15, 1919.

Between Huelsberg & Cie., m. b. H., and Jennison-Wright Company.

Contract dated June 21, 1913.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Y-106, page 433 of Transfers of Patents.

Demand dated ———, 1919, served on Jennison-Wright Company, Toledo, Ohio, such service made April 15, 1919.

Between Huelsberg & Cie., m. b. H., and Pittsburgh Wood Preserving Company.

Contract dated September 22, 1910.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 437, of Transfers of Patents.

Beween Huelsberg & Cie, m. b. H., and Central of Georgia Railway Company.

Contract dated April 15, 1912.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 16, of Transfers of Patents.

Demand dated April 19, 1919, served on Central of Georgia Railway Company, Savannah, Georgia; such service made April 21, 1919.

Between Huelsberg & Cie, m. b. H., and National Lumber & Creosoting Company.

Contract dated ——— day of ———, 1910.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 443, of Transfers of Patents.

Demand dated April 17, 1919, served on National Lumber & Creosoting Co., Texarkana, Arkansas; such service made April 17, 1919.

Between Huelsberg & Cie, m. b. H., and Missouri, Kansas & Texas Ry. Company.

Contract dated June 16, 1906.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 439, of Transfers of Patents.

Between Huelsberg & Cie, m. b. H., and Michigan Wood Preserving Company.

Contract (not dated). (See letter in R-150.)

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 437, of Transfers of Patents.

Between Huelsberg & Cie, m. b. H., and St. Paul & Tacoma Lumber Co.

Contract (none of record).

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Demand dated ———, 1919, served on St. Paul & Tacoma Lumber Company, Tacoma, Washington; such service made April 19, 1919.

Between Huelsberg & Cie., m. b. H., and Ayer & Lord Tie Company.

Contract dated April 19, 1907.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 10 of Transfers of Patents.

Demand dated ———, 1919, served on Ayer & Lord Tie Company, Chicago, Illinois; such service made April 14, 1919.

Between Huelsberg & Cie., m. b. H., and Compressed Wood Preserving Company.

Contract dated March 10, 1916.

Patents: Re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 19 of Transfers of Patents.

Demand dated ———, 1919, served on Compressed Wood Preserving Company, Cincinnati, Ohio; such service made April 16, 1919.

Between Erzroest Gesellschaft and Granby Mining & Smelting Company.

Contract dated January 19, 1916.

Covering patent 979349.

Dated 12-20-10.

Title: Improvements in furnaces for roasting ores.

Date of demand served on Commissioner of Patents: April 7, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Z-106, page 354, of Transfers of Patents.

Between Erzroest Gesellschaft, m. b. H., and the National Zinc Company.

Contract dated October 21, 1915.

Patent 979349.

Dated 12-20-10.

Title: Improvements in furnaces for roasting ores.

Date of demand served on Commissioner of Patents: April 7, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Z-106, page 362 of Transfers of Patents.

Between Erzroest Gesellschaft, m. b. H., and the Grasselli Chemical Company.

Contract dated February 27, 1914.

Covering Patent 979349.

Dated 12-20-10.

Title: Improvements in furnaces for roasting ores.

Date of demand served on Commissioner of Patents: April 7, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Z-106, page 350 of Transfers of Patents.

Between C. H. Bormann and General Ceramics Company, Inc.

Contract dated May 24, 1913.

Covering patents 881806 and 1151801.

Dated 3-10-08 and 8-31-15.

Titles: Process of removing chlorin from raw bromin. Apparatus for separating liquid mixtures into two components.

Date of demand served on Commissioner of Patents: February 11, 1919.

Service of demand accepted February 20, 1919, by J. T. Newton, Commissioner of Patents.

Recorded February 20, 1919, liber O-106, page 253 of Transfers of Patents.

Demand dated February 11, 1919, served on B. Singer, 233 Broadway, New York City, such service made March 26, 1919.

Demand dated February 11, 1919, served on General Ceramics Company, 50 Church Street, New York City, such service made February 25, 1919.

Between Cerofirm-Gesellschaft, G. m. b. H., and Harry Polasky & O. B. Eisendrath, copartners trading as New Process Gas Mantle Company.

Contract dated April 3, 1914.

Covering patent 1020255.

Dated March 12, 1912.

Title: Manufacture of incandescent bodies for gas lighting.

Date of demand served on Commissioner of Patents: June 21, 1919.

Service accepted June 21, 1919, by J. T. Newton, Commissioner of Patents.

Recorded June 23, 1919, liber T-107, page 209 of Transfers of Patents.

Between firm of E. Merck and Merck and Company.

Contract (verbal).

Trade-marks 32737 and 27388.

Dated 4-18-99 and 12-3-95.

Title: Dionin and sypticin.

Date of demand served on Commissioner of Patents: June 5, 1919.

Service accepted June 25, 1919, by R. F. Whitehead, Acting Commissioner of Patents.

Recorded June 25, 1919, liber B-107, page 350 of Transfers of Patents.

Between Alfred Wilm & Heinrich Krautschneider and Electric Boat Company.

Contract dated October 6, 1910.

Covering the following patents:

Patent No.	Date of issue	Title
868383	Oct. 8, 1907	Process for improving aluminum by heating and chilling.
995113	June 13, 1911	Aluminum alloy.
1083903	Jan. 6, 1914	Process of improving alloys.
1130785	Mar. 9, 1915	Aluminum alloy.
1261987	Apr. 9, 1918	Method of making aluminum-alloy articles.

Date of demand on Commissioner of Patents: April 26, 1919.

Service accepted May 7, 1919, by R. F. Whitehead, Acting Commissioner of Patents.

Recorded May 7, 1919, liber R-107, page 95 of Transfers of Patents.

Demand dated April 26, 1919, served on Electric Boat Company, 11 Pine Street, New York City, such service made May 27, 1919.

SCHEDULE 10.

The instrument dated February 26, 1920, and recorded in the United States Patent Office on December 21, 1920, in liber S-111, page 428 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-10 attached to this bill of complaint, enumerated certain contract rights growing out of the following contracts:

Between Gesellschaft fur Abwasserklarung, m. b. H., and Frieda Loeb.

Contracts dated December —, 1913, and February 17, 1914, covering the following patents:

Patent No.	Date of issue	Title
700056	May 13, 1902	Apparatus for the recovery of fats or the like.
751303	Feb. 2, 1904	Apparatus for the recovery of fats or the like.
823688	June 19, 1906	Apparatus for the recovery of fats and the like from waste.
839396	Dec. 25, 1906	Apparatus for the separation of solid matters from sewage, etc.
975081	Nov. 8, 1910	Apparatus for removing fat from effluents.
1057174	Mar. 25, 1913	Apparatus for separating floating matter from effluents.
1192569	July 25, 1916	Apparatus for clarifying waste waters.

Date of demand served on Commissioner of Patents: February 12, 1920.

Service accepted March 2, 1920.

Recorded March 2, 1920, liber K-109, page 323 of Transfer of Patents.

Demand dated February 12, 1920, served on the United States Sanitary Effluents Apparatus (Inc.), 35 Nassau Street, New York City, and the Ussesa Sales Company, 220 West Forty-second Street, New York City; such service made March 3, 1920.

Between Montana Company and Montanin Company.

Contract dated August 26, 1915.

Covering trade-mark No. 66726.

Dated December 24, 1907.

Title: "Montanin."

Demand dated February 12, 1920, served on the Montanin Company, 81 Fulton Street, New York City; such service made March 1, 1920.

The contract covering trade-mark No. 66726 was demanded under Report No. 47184, but the trade-mark was demanded of the Commissioner of Patents under Report 3822.

Date of demand served on Commissioner of Patents: March 3, 1920.

Service accepted April 14, 1920.

Recorded April 14, 1920, liber O-110, page 52, of Transfers of Patents.

Between Franz Meiser and National Carbon Company.

Contract dated July 31, 1914.

Patent (not given).

Demand dated February 12, 1920, served on the National Carbon Company, Cleveland, Ohio; such service made March 3, 1920.

The records also show that a demand dated January 31, 1918, was served on the National Carbon Company (Inc.), P. O. box 400, Cleveland, Ohio; such service made February 28, 1918.

No demand appears to have been served on the Commissioner of Patents.

Between Chemische Fabrik Rhenania and Stallman Company.

Contract dated ——— ——, 1908.

Trade-marks covered by this contract are as follows:

No.	Date registered	For—
27454	Dec. 10, 1895	Tetrajodphenolphtalein, an antiseptic substance.
29831	Apr. 13, 1897	Diarrhea and catarrh of the stomach and bowels.
29836	Apr. 13, 1897	A remedy for wounds.

Patents covered by this contract are as follows: Patents 618167, 618168, and 627981.

Dated 1-24-99, 1-24-99, and 7-4-99.

Titles: Improvement in sodium salt of iodine compound; improvement in ioding derivatives of phenols and bismuth salts; improvement of ioding compounds.

Demand dated February 12, 1920, served on the Stallman Company, 229 Pearl Street, New York City, N. Y.; such service made March 16, 1920.

The above patents have not been demanded.

Between Carl W. Rademacher and American Kitchen Products Company.

Contract dated May 10, 1909.

Patent (not given).

Title: "Steero."

Demand dated February 26, 1920, served on the American Kitchen Products Company, 40 Beekman Street, New York City; such service made March 27, 1920.

Between Karl Imhoff and Pacific Flush Tank Company.

Contract dated May 26, 1911.

Patents: 924664, 978889, 1053396, 1056548, 1057154.

Dated 6-15-09, 12-10-10, 2-18-13, 3-18-13, and 3-25-13.

Title: Imhoff Process and tanks used in disposal of sewage.

Demand dated February 26, 1920, served on the Pacific Flush-Tank Company, 4241 Ravenswood Avenue, Chicago, Ill.; such service made March 1, 1920.

SCHEDULE 11.

The instrument dated March 9, 1920, and recorded in the United States Patent Office on March 11, 1920, in Liber X-108, page 435, a copy of which instrument is set out in Exhibit H-11 attached to this bill of complaint, enumerated the following patents:

No.	Date of Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording [1]	Book.	Page.
	1901					
700056	May 13	Apparatus for the recovery of fats or the like.	May 14, 1919	May 20, 1919	T-107	86
700056	May 13	Apparatus for the recovery of fats or the like.	Feb. 12, 1920	Mar. 2, 1920	K-109	323
	1904					
751303	Feb. 2	Apparatus for the recovery of fats or the like.	May 14, 1919	May 20, 1919	T-107	86
303 923	Feb. 2	Apparatus for the recovery of fats or the like.	Feb. 12, 1920	Mar. 2, 1920	K-109	323
	1906					
781688	June 19	Apparatus for the recovery of fats and the like from waste waters.	May 14, 1919	May 20, 1919	T-107	86
823688	June 19	Apparatus for the recovery of fats and the like from waste waters.	Feb. 26, 1920	Mar. 6, 1920	J-109	316
839396	Dec. 25	Apparatus for separation of solid matters from sewage, etc.	May 14, 1919	May 20, 1919	T-107	86
839396	Dec. 25	Apparatus for separation of solid matters from sewage, etc.	Feb. 12, 1920	Mar. 2, 1920	K-109	323

[1] Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

No.	Date of Issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
	1919					
1326104	Dec. 23	Method for modifying electrical charge of diaphragms.	Aug. 17, 1920	Sept. 17, 1920	J-108	325
1326105	Dec. 23	Process for separation of absorbed substances.	Aug. 17, 1920	Sept. 17, 1920	J-108	326
1326106	Dec. 23	Process for treating colloidal and finely subdivided substances.	Aug. 17, 1920	Sept. 17, 1920	J-108	326
	1913					
1069842	Aug. 12	Device for recording the paths of ships.	July 28, 1919	Sept. 8, 1919	E-108	272
1069842	Aug. 12	Device for recording the paths of ships.	Feb. 26, 1920	Mar. 6, 1920	U-109	389
	1916					
1170388	Feb. 1	Electrical contact	Feb. 26, 1920	Mar. 6, 1920	U-109	389
1170388	Feb. 1	Electrical contact	July 28, 1919	Aug. 25, 1919	C-108	304
1204315	Nov. 7	Process of making practically alcohol-free beers.	Dec. 31, 1919	Feb. 27, 1920	U-109	368
1184359	May 23	Apparatus for recovering heat from hot solutions.	Dec. 18, 1919	Feb. 27, 1920	O-109	354
1184360	May 23	Method of recovering the heat from hot solutions.	Dec. 18, 1919	Feb. 27, 1920	O-109	354
1191440	July 18	Nonalcoholic concentrated beverage and process for its manufacture.	Dec. 18, 1919	Feb. 27, 1920	O-109	355
187940	June 20	Disintegratorlike device for purifying, cooling and mixing gases.	Mar. 24, 1920	Mar. 30, 1920	A-109	397
1187940	June 20	Disintegratorlike device for purifying, cooling and mixing gases.	Dec. 22, 1919	Feb. 27, 1920	O-109	352
1206031	Nov. 28	Brush	Dec. 22, 1919	Feb. 27, 1920	O-109	352
1207180	Dec. 5	Manufacture of briquets of coal, coke, turf, iron, or other ores, or the like.	Dec. 22, 1919	Feb. 27, 1920	O-109	352
	1917					
1213659	Jan. 23	Method of and apparatus for vaporizing, concentrating, or drying solutions.	Dec. 22, 1919	Feb. 27, 1920	O-109	352
1213887	Jan. 30	Method of vaporizing or concentrating liquids, solutions, emulsions, suspensions, and like substances.	Dec. 22, 1919	Feb. 27, 1920	O-109	352
1226942	June 5	Retort discharger	Dec. 22, 1919	Feb. 27, 1920	O-109	352
1247062	Nov. 27	Grasping tongs	Dec. 22, 1919	Feb. 27, 1920	O-109	352
	1919					
1302450	Apr. 29	Apparatus for casting metals.	Jan. 13, 1920	Feb. 27, 1920	J-109	277
	1918					
1269931	June 18	Method of drying varnished patent leather.	Dec. 19, 1919	Feb. 27, 1920	Q-109	256
	1903					
807866	Dec. 19	Apparatus for respiring within spaces full of smoke or noxious gases.	July 28, 1919	Aug. 25, 1919	E-108	29
	1906					
834203	Oct. 23	Therapeutic apparatus	July 28, 1919	Oct. 2, 1919	H-108	170
	1917					
1233122	July 10	X-ray apparatus	Jan. 10, 1920	Feb. 27, 1920	U-109	334
	1910					
973081	Nov. 8	Apparatus for removing fat from effluents.	May 14, 1919	May 20, 1919	T-107	88
973081	Nov. 8	Apparatus for removing fat from effluents.[3]	Feb. 12, 1920	Mar. 2, 1920	K-109	323

Said instrument, dated March 9, 1920, and recorded in the United States Patent Office on March 11, 1920, in liber X-108, page 435, a copy of which instrument is set out in Exhibit H-11, attached to this bill of complaint, also enumerated the following trade-marks:

No.	Date of registration.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
30242	June 22, 1897	Perfumery, confectionery, and distilled liquors.	1919 Dec. 31	1920 Mar. 4	O-109	383
30243	June 22, 1897	Perfumery, confectionery, and distilled liquors.	Dec. 31	Mar. 4	O-109	383
41901	Jan. 19, 1904	Medicine for certain named diseases.	Dec. 31	Mar. 4	I-109	374
13842	Sept. 4, 1883	Antiseptics and medicines for all skin diseases.	Dec. 31	Mar. 4	O-109	385
38344	July 1, 1902	Certain named medicinal compound.	Dec. 31	Mar. 2	K-109	318
72328	Jan. 19, 1909	Insect repellants	Dec. 31	Mar. 4	X-109	330
92454	July 29, 1913	Remedies for certain named diseases	Dec. 31	Mar. 4	O-109	391
98195	July 7, 1914	Medicinal and toilet soap disinfectants.	Dec. 31	Mar. 4	N-109	334
68587	Apr. 21, 1908	Silvana	Dec. 31	Mar. 4	N-109	328
14801	Oct. 4, 1887	Tooth soap	Dec. 31	Mar. 4	M-109	402
91240	Apr. 2, 1913	Dental filling compositions, dental impression compositions, and artificial teeth.	Dec. 31	Feb. 27	U-109	356
44248	Feb. 28, 1905	Pharmaceutical preparations for use in cases of seasickness. "Antivom."	Dec. 31	Mar. 4	O-109	390
17913	May 13, 1890	Medicinal tonic	Dec. 31	Mar. 4	U-109	384
17914	May 13, 1890	Medicinal tonic	Dec. 31	Mar. 4	U-109	384
85794	Aug. 21, 1906	Probilin	1920. Feb. 10	Feb. 27	W-109	262
58756	Dec. 25, 1906	Remedies for diseases of the urinary and genital organs.	1919. July 18	1919. July 19	C-107	394
32573	Mar. 7, 1899	Cordials, herb bitters, and liquors.	Dec. 31	1920. Feb. 27	H-109	394
40295	May 12, 1903	Water colors and oil colors	Dec. 20	Feb. 27	U-109	367
81708	May 2, 1911	"Vega" for vegetable fats and oils.	1920. Jan. 9	Feb 27	Q-109	253
108877	Nov. 2, 1915	"Magnalium"	1919. Dec. 22	Mar. 4	N-109	327

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

SCHEDULE 12.

The instrument dated May 4, 1920, and recorded in the United States Patent Office on May 20, 1920, in liber X-109, page 199, a copy of which instrument is set out in Exhibit H-12 attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
			1920.	1920.		
689246	Dec. 17, 1901	Process of purifying gases	Mar. 24	Mar. 30	A-109	396
704593	July 15, 1902	Apparatus for washing gases	Mar. 24	Mar. 30	A-109	396
794201	July 11, 1905	Centrifugalgas-purifyingapparatus	Mar. 24	Mar. 30	A-109	396
807695	Dec. 19, 1905	Centrifugal apparatus for treating gases.	Mar. 24	Mar. 30	A-109	396
895313	Aug. 4, 1908	Gas purifier	Mar. 24	Mar. 30	A-109	396
			1919	1919		
709527	Sept. 23, 1902	Treating gases	July 28	Sept. 8	F-108	146
			1920	1920		
1039677	Sept. 24, 1912	Apparatus for cleaning, cooling, and mixtures gases.	Mar. 24	Mar. 30	A-109	397
1042840	Oct. 29, 1912	Apparatus for cleaning, cooling, and washing gases.	Mar. 24	Mar. 30	A-109	397
1049317	Dec. 31, 1912	Gas-washing apparatus	Mar. 24	Mar. 30	A-109	397
1052188	Feb. 4, 1913	Gas-washing apparatus	Mar. 24	Mar. 30	A-109	397
1088186	Feb. 24, 1914	Apparatus for cleansing, cooling, and mixing gases.	Mar. 24	Mar. 30	A-109	397
1088187	Feb. 24, 1914	Liquid separator	Mar. 24	Mar. 30	A-109	397
1088188	Feb 24, 1914	Gas-washing apparatus	Mar. 24	Mar. 30	A-109	397
1131966	Mar. 16, 1915	Apparatus for cooling, washing, and mixing gases.	Mar. 24	Mar 30	A-109	397
1139385	May 11, 1915	Apparatus for washing, cleaning, and cooling gases.	Mar. 24	Mar. 30	A-109	397
1187940	June 20, 1916	Disintegrator-like device for purifying, cooling, and mixing gases.	Mar. 24 1919 Dec. 22 1920	Mar. 30 Feb. 27	A-109 O-166	397 352
1326973	Jan. 6, 1920	Process for the preparation of pyrocatechin aldehyde.	Mar. 24	Mar. 30	Q-109	458
1024553	Apr. 30, 1912	Delivery pipe for casting apparatus	Apr. 2	Apr. 13	A-109	483
1026733	May 21, 1912	Process for casting metals	Apr. 2	Apr. 13	A-109	483
			1919	1919		
1046146	Dec. 3, 1912	Steps in the modes of making die stamps or the like.	July 28	Aug. 25	E-108	30
			1920	1920		
649202	May 8, 1900	Apparatus for making BaO	May 1	May 1	J-108	106
764443	July 5, 1904	Process of making HCN	May 1	May 1	J-108	106
792889	June 20, 1905	Process of making HCN from iron cyanogen compounds.	May 1	May 1	J-108	106
806467	Dec. 5, 1905	Process of recovering NH_3 and HCN.	May 1	May 1	J-108	106
832466	Oct. 2, 1906	Production of ferrocyanides from gas.	May 1	May 1	J-108	106
839741	Dec. 25, 1906	Production of NH_4 No. 3	May 1	May 1	J-108	106
851349	Apr. 23, 1907	Extraction of NH_3 from gases	May 1	May 1	J-108	106
922409	May 18, 1909	Process of recovering HCN	May 1	May 1	J-108	106

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording	Book.	Page.
			1920.	1920.		
1079291	Nov. 18, 1913	Process of obtaining sulphur	May 1	May 1	J-108	106
1127219	Feb. 2, 1915	Production of sulphur, etc.	May 1	May 1	J-108	106
1076641	Oct. 21, 1913	Machine for welding tubes	Apr. 2	Apr. 13	W-110	26
1286998	Dec. 10, 1918	Fire extinguishing arrangement for aerial craft.	Apr. 2	Apr. 13	Y-110	42
1301151	Apr. 22, 1919	Producing hydrogen[2]				
823859	June 19, 1906	Apparatus for shaking thermometers.	Feb. 25	Mar. 10	T-109	412

[2]This patent was demanded as Serial No. 847324 under date of Feb. 3, 1919, and recorded Feb. 21, 1919 in liber Y-106, page 133 of Transfers of Patents.

No.	Date of filing.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording [1]	Book.	Page.
			1920.	1920		
224374	Mar. 23, 1918	Treatment of carbureted hydrogen with sulphur dioxide.	Apr. 13	Apr. 14	A-110	30

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

Said instrument dated May 4, 1920, and recorded in the United States Patent Office on May 20, 1920, in liber X-109, page 199, a copy of which instrument is set out in Exhibit "H-12" attached to this bill of complaint, also enumerated the following serial number:

SCHEDULE 13.

The instrument dated May 15, 1920, and recorded in the United States Patent Office on November 1, 1920, in liber E 111, page 319 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-13 attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording[1]	Book.	Page.
			1920	1920		
877460	Jan. 21, 1908	Apparatus for separating liquids from gases or vapors.	May 4	Aug. 26	J-108	128
[2]12693	Sept. 3, 1907	Preservative	May 4	Aug. 26	J-108	255
929422	July 27, 1909	Heat-insulating vessel	May 4	June 11	J-108	122
801204	Oct. 10, 1905	Method of and apparatus for treating coal, ores, and other minerals for draining them of water.	May 4	Aug. 26	J-108	137
821819	May 29, 1906	Concentrator for pulverulent materials.	May 4	Aug. 26	J-108	241
813320	Feb. 20, 1906	Lateral packing for the end faces of pairs of rollers.	May 4	Aug. 26	J-108	241
831060	Sept. 18, 1906	Gas igniting and extinguishing device.	May 4	Aug. 26	J-108	171
1105610	Aug. 4, 1914	Apparatus for cutting plate glass	May 4	Aug. 26	J-108	127
1101392	June 23, 1914	Apparatus for the manufacture of raw plate glass.	May 4	Aug. 26	J-108	127
1114098	Oct. 20, 1914	Method of and apparatus for cutting plate glass.	May 4	Aug. 26	J-108	127
1175116	Mar. 14, 1916	Manufacture of raw plate glass	May 4	Aug. 26	J-108	712
1175117	Mar. 14, 1916	Making plate glass	May 4	Aug. 26	J-108	127
1158863	Nov. 2, 1915	Producing translucent ornaments	May 4	Aug. 26	J-108	264
866459	Sept. 17, 1907	Manufacturing a ferruginous addition to cattle food.	May 4	Aug. 26	J-108	221
1043349	Nov. 5, 1912	Ball mill	May 4	Aug. 26	J-108	242
			1919	1919		
1204779	Nov. 14, 1916	Water heating apparatus	July 28	Sept. 8	E-108	443
			1920	1920		
1021043	Mar. 26, 1912	Process and apparatus for the manufacture of glass drums and other hollow bodies.	May 4	Aug. 26	J-108	183
1151722	Aug. 31, 1915	Apparatus for separating minerals and like materials.	May 4	Aug. 26	J-108	284
1026577	May 14, 1912	Producing paper pulp from old paper.	May 4	Aug. 26	J-108	186
1036239	Aug. 20, 1912	Apparatus for preparing old and new molding sand.	May 4	Aug. 26	J-108	179
839941	Jan. 1, 1907	Machine for molding plastic materials.	May 4	Aug. 26	J-108	216
972674	Oct. 11, 1910	Apparatus for opening or closing the discharge openings of vertical retorts.	May 4	Aug. 26	J-108	139

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.
[2]Reissue.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1920	1920		
1205893	Nov 21, 1916	Apparatus for developing photographic plates by daylight.	May 4	Aug. 26	J-108	182
761051	May 24, 1904	Compound fabric	May 4	Aug. 26	J-108	299
1033377	July 23, 1912	Apparatus for separating granular admixtures from clay and like plastic substances.	May 4	Aug. 26	J-108	141
			1919	1919		
1158310	Oct. 26, 1915	Apparatus for measuring the area of hides.	July 28	Oct. 2	H-108	253
			1920	1920		
58683	May 17, 1910	Ice-making machine	May 4	Aug. 26	J-108	310
1126659	Jan. 26, 1915	Producing acid and fireproof bodies.	May 4	Aug. 26	J-108	281
			1919	1919		
1126027	Jan. 26, 1915	Apparatus for detecting pipe leads or other metallic masses embedded in masonry.	July 28	Sept. 30	H-108	7
1140289	May 18, 1915	Apparatus for homogenizing milk and other liquids.	July 28	Oct. 11	J-108	38
			1920	1920		
1156407	Oct. 12, 1915	Apparatus for dividing more or less thick liquid or pasty materials.	May 4	Aug. 26	J-108	205
1204564	Nov. 14, 1916	Fluid pressure relay governor	May 4	Aug. 26	J-108	170
988968	Apr. 11, 1911	Machine for cleaning and sorting clay or the like.	May 4	Aug. 26	J-108	140
991679	May 9, 1911	Drying apparatus	May 4	Aug. 26	J-108	312
835049	Nov. 6, 1906	Grinding or crushing mill	May 4	Aug. 26	J-108	314
882304	Mar. 17, 1908	Extracting apparatus for horizontal retorts.	May 4	Aug. 26	J-108	154
906785	Dec. 15, 1908	Centrifugal machine for feeding gas retorts.	May 4	Aug. 26	J-108	154
794187	July 11, 1905	Mechanical preparation of wood pulp from sawdust.	May 4	June 11	J-108	119
1127951	Feb. 9, 1915	Oil retort	May 4	Aug. 26	J-108	313
1071962	Sept. 2, 1913	Automatic charging device for roasting furnace and the like.	May 4	Aug. 26	J-108	283
1069009	July 29, 1913	Apparatus for pneumatically separating sheets.	June 9	Aug. 26	J-108	174
1092359	Apr. 7, 1914	Control device for sheet separators.	June 9	Aug. 26	J-108	174
1143708	June 22, 1915	Apparatus for separating sheets from a pile or stack.	June 9	Aug. 26	J-108	174
1069830	Aug. 12, 1913	Process of producing polychrome photogravures and apparatus therefor.	May 4	Aug. 26	J-108	298
839587	Dec. 11, 1906	Process and apparatus for construction of slabs of artificial stone, etc.	May 4	Aug. 26	J-108	188
1014221	Jan. 9, 1912	Device for making plates of artificial stone.	May 4	Aug. 26	J-108	187
1083279	Jan. 6, 1914	Device for removing water from layers of artificial stone pulp.	May 4	Aug. 26	J-108	187
899911	Sept. 29, 1908	Safety device for the mouths of vessels containing combustible liquids.	May 4	Aug. 26	J-108	382
874668	Dec. 24, 1907	Treating waste oakum and similar materials.	May 4	Aug. 26	J-108	172
847232	Mar. 12, 1907	Apparatus for cooling, moistening, and purifying the air in rooms.	May 4	Aug. 26	J-108	133
860810	July 23, 1907	Diffusion apparatus	May 4	Aug. 26	J-108	308
1065690	June 24, 1913	Regulating and reversing apparatus for regenerative gas furnaces.	May 4	Aug. 26	J-108	198

No.	Date of issue.	Title	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1920.	1920.		
1104002	July 21, 1914	Lubricating device for axle bearings.	May 4	Aug. 26	J-108	244
1141652	June 1, 1915	Blowing system for furnaces	May 4	Aug. 26	J-108	244
725894	Apr. 21, 1903	Arrangement for heating, cooling, and mixing the mash in mash tubs.	May 4	Aug. 26	J-108	300
1067287	July 15, 1913	Magnetic separator	May 4	Aug. 26	J-108	301
1016118	Jan. 30, 1912	Glass roof	May 4	Aug. 26	J-108	309
1064490	June 10, 1913	Malt drum	May 4	Aug. 26	J-108	201
934817	Sept. 21, 1909	Apparatus for spreading materials on edibles, such as cake, biscuit, and the like.	May 4	Aug. 26	J-109	211
822701	June 5, 1906	Magazine film holder	May 4	Aug. 26	J-108	130
906676	Dec. 15, 1908	Press for sweetmeats, tablets, and the like.	May 4	Aug. 26	J-108	129
1150829	Oct. 12, 1915	Cooling devices for electrical machines mounted on vessels.	May 4	Aug. 26	J-108	315
			1919	1919		
1078387	Nov. 11, 1913	Apparatus for lining tubes with lead, tin, or the like.	July 28	Sept. 22	G-108	412
842730	Jan. 29, 1907	Making electrically conducting bodies for use as contacts.	July 28	Sept. 22	G-108	416
1160942	Feb. 1, 1916	Arc-light electrode	July 28	Oct. 7	I-108	347
			1920	1920		
1267641	May 28, 1918	Resistance body	May 4	Aug. 26	J-108	153
1267642	May 28, 1918	Regulating resistance	May 4	Aug. 26	J-108	153
814967	Mar. 13, 1906	Apparatus for obtaining pure cotton or fibrous materials for textile and like purposes.	May 4	Aug. 26	J-108	206
807586	Dec. 19, 1905	Water-circulating device	May 4	Aug. 26	J-108	307
1074448	Sept. 30, 1913	Nonexplosive stopper for bottles containing liquid fuels.	May 4	Aug. 26	J-108	230
1077471	Nov. 4, 1913	Intermittently acting double siphon.	May 4	Aug. 26	J-107	189
1029817	June 18, 1912	Press for making briquets and the like.	May 4	Aug. 26	J-108	227
1065356	June 24, 1913	Fire-extinguishing apparatus	May 4	Aug. 26	J-108	169
			1919	1919		
858381	July 2, 1907	Fire extinguisher	July 28	Sept. 19	G-108	40
			1920	1920		
842979	Feb. 5, 1907	Device for cleaning frozen window glasses and for preventing them from freezing.	May 4	Aug. 26	J-108	277
1078752	Nov. 18, 1913	Temperature controller	May 4	Aug. 26	J-108	276
1070632	Aug. 19, 1913	Apparatus for producing cotton waste.	May 4	Aug. 26	J-108	252
1003813	Sept. 19, 1911	Increasing the binding power of basic silicates of lime.	May 4	Aug. 26	J-108	274
807507	Dec. 19, 1905	Bottling and like apparatus	May 4	Aug. 26	J-108	256
814169	Mar. 6, 1906	Apparatus for decanting liquids	May 4	Aug. 26	J-108	256
888538	May 26, 1908	Corking machine	May 4	Aug. 26	J-108	256
1107986	Aug. 18, 1914	Apparatus for purifying gases	May 4	Aug. 26	J-108	239
1061488	May 13, 1913	Manufacture of alimentary products.	May 4	Aug. 26	J-108	240
			1919	1919		
1075720	Oct. 14, 1913	Manufacture of alimentary products.	July 28	Aug. 25	D-108	294
			1920	1920		
1046482	Dec. 10, 1912	Refrigerating and carbonating apparatus.	May 4	Aug. 26	J-108	223
771202	Sept. 27, 1904	Apparatus for the treatment of peat fiber for manufacturing half stuff.	May 4	Aug. 26	J-108	158

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1920.	1920.		
1255915	Feb. 12, 1918	Drying apparatus	May 4	Aug. 26	J-108	218
1164854	Dec. 21, 1915	Gas burner	May 4	Aug. 26	J-108	243
839450	Dec. 25, 1906	Explosive	May 4	Aug. 26	J-108	131
887027	May 5, 1908	Explosive	May 4	Aug. 26	J-108	131
1003628	Sept. 19, 1911	Apparatus for the treatment of solid bodies with gases.	May 4	Aug. 26	J-108	234
1027875	May 28, 1912	Economizer, regenerator, and the like.	May 4	Aug. 26	J-108	234
			1919	1919		
1018331	Feb. 20, 1912	Hot-blast stove	July 28	Sept. 8	F-108	348
			1920	1920		
1242873	Oct. 9, 1917	Process and apparatus for filling vessels with milk.	May 4	Aug. 26	J-108	291
839459	Dec. 25, 1906	Process of making gold	May 4	Aug. 26	J-108	150
1110278	Sept. 8, 1914	Machine for measuring the surface of leather or the like.	May 4	Aug. 26	J-108	144
822929	June 12, 1906	Nodulizing ore	May 4	Aug. 26	J-108	149
940075	Nov. 16, 1909	Device for preventing dust detonations.	May 4	Aug. 26	J-108	282
871308	Nov. 19, 1907	Surface cooler	May 4	Aug. 26	J-108	302
1285806	Nov. 26, 1918	Metal-vapor rectifier and similar apparatus.	May 4	Aug. 26	J-108	257
778193	May 17, 1904	Grain decorticating and grinding machine.	May 4	Aug. 26	J-108	178
863885	Aug. 20, 1907	Oil press	May 4	Aug. 26	J-108	259
929180	July 27, 1909	Machine for manufacturing paper tubes.	May 4	Aug. 26	J-108	147
			1919	1919		
911776	Feb. 9, 1909	Binocular telescope with double hinge.	July 22	Oct. 2	Z-108	260
			1920	1920		
989645	Apr. 18, 1911	Toric spectacle glass	May 4	Aug. 26	J-108	304
			1919	1919		
949501	Feb. 15, 1910	Spectacle glass	July 28	Oct. 3	H-108	470
			1920	1920		
1242377	Oct. 9, 1917	Apparatus for examining radioactive substances.	May 4	Aug. 26	J-108	273
1120246	Dec. 8, 1914	Heat-transmitting fluids for baking ovens and the like.	May 4	Aug. 26	J-108	265
1026885	May 21, 1912	Gas furnace for heating, scaling, and hardening purposes.	May 4	Aug. 26	J-108	271
841499	Jan. 15, 1907	Manufacturing power gas	May 4	Aug. 26	J-108	181
			1919	1919		
986271	Mar. 7, 1911	Refining and agglomerating ores and the like.	July 28	Oct. 3	H-108	320
			1920	1920		
1005022	Oct. 3, 1911	Detinning tin scrap	May 4	Aug. 26	J-108	173
981695	Jan. 17, 1911	Means for forming parallel faces on the ends of rails, etc.	May 4	Aug. 26	J-108	260
1018734	Feb. 27, 1912	Treating tin-bearing material	May 4	Aug. 26	J-108	323
1187504	June 20, 1916	Stirring device for mechanical roasting furnaces.	May 4	Aug. 26	J-108	148
874063	Dec. 17, 1907	Gas burner	May 4	Aug. 26	J-108	186
892885	July 7, 1908	Shin substitute for heads of drums and the like.	May 4	May 26	J-108	248
887016	May 5, 1908	Construction of drums	May 4	Aug. 26	J-108	247
805366	Nov. 21, 1905	Textile-fiber materials	May 4	Aug. 26	J-108	208
827102	July 31, 1906	Process of manufacturing fiber material from animal tendons or sinews.	May 4	Aug. 26	J-108	208
974660	Nov. 1, 1910	Making fish sausage	May 4	Aug. 26	J-108	177
908001	Dec. 29, 1908	Fireproof-floor construction	May 4	Aug. 26	J-108	178
876359	Jan. 14, 1908	Pressure regulator for compressed gas plants.	May 4	Aug. 26	J-108	204

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				Date of filing or recording	Book.	Page.
			1920.	1920.		
1047809	Dec. 17, 1912	Oil press	May 4	Aug. 26	J-108	184
858863	July 2, 1907	Apparatus for cleaning the tubes and joint pipes of water gages.	May 4	Aug. 26	J-108	215
			1919	1919		
847065	Mar. 12, 1907	Body to be heated electrically	July 28	Oct. 6	I-108	61
1021249	Mar. 26, 1912	Prop for mines	July 28	Aug. 25	C-108	483
			1920	1920		
838464	Dec. 11, 1906	Means for uniformly distributing powdered substances.	May 4	Aug. 26	J-108	295
1014681	Jan. 16, 1912	Supporting incandescent electric lamps and reflectors.	May 4	Aug. 26	J-108	316
1055384	Mar. 11, 1913	Band press for drying vegetable and mineral substances.	May 4	Aug. 26	J-108	145
1280359	Oct. 1, 1918	Device for removing injurious seeds.	May 4	Aug. 26	J-108	145
1269599	June 18, 1918	Method and apparatus for testing gases.	May 4	Aug. 26	J-108	190
			1919	1919		
830225	Sept. 4, 1906	Testing gaseous mixtures	July 28	Oct. 11	R-108	305
			1920	1920		
1071354	Aug. 26, 1913	Electrical separator	May 4	Aug. 26	J-108	262
851778	Apr. 30, 1907	Purifying apparatus for liquids	May 4	Aug. 26	J-108	286
922524	May 25, 1909	Testing the tensile strength of elastic materials.	May 4	Aug. 26	J-108	268
940947	Nov. 23, 1909	Apparatus for separating particles of liquid from gases and vapors.	May 4	Aug. 26	J-108	294
880579	Mar. 3, 1908	Carbon electrode for electrical bleaching apparatus.	May 4	Aug. 26	J-108	280
852867	May 7, 1907	Crucible furnace	May 4	Aug. 26	J-108	138
1084520	Jan. 13, 1914	Increasing the heat-resisting properties of bituminous or tarry materials.	May 4	Aug. 26	J-108	324
869321	Oct. 29, 1907	Insulating material and manufacturing same.	May 4	Aug. 26	J-108	225
874374	Dec. 17, 1907	Apparatus for electro-depositing metals.	May 4	Aug. 26	J-108	217
945241	Jan. 4, 1910	Steam or hot-air apparatus	May 4	Aug. 26	J-108	228
858738	July 2, 1907	Furnace for burning glass, porcelain and like articles.	May 4	June 11	J-108	117
1090904	Mar. 24, 1914	Manufacturing raw plate glass	May 4	Aug. 26	J-108	126
866497	Sept. 17, 1907	Doing away with blow holes and like flaws in castings.	May 4	Aug. 26	J-108	237
			1919	1919		
866498	Sept. 17, 1907	Melting through masses of material.	July 28	Nov. 10	J-108	88
1235505	July 31, 1917	Fire extinguisher	July 28	Aug. 25	D-108	492
			1920	1920		
1094724	Apr. 28, 1914	Variable power telescope	May 4	Aug. 26	J-108	202
785786	Mar. 28, 1905	Machine for making corrugated wood sliver.	May 4	Aug. 26	J-108	317
1074306	Sept. 30, 1913	Differential manometer	May 4	Aug. 26	J-108	321
			1919	1919		
1199731	Sept. 26, 1916	Medical appliance	July 28	Oct. 6	J-108	54
			1920	1920		
1164151	Dec. 14, 1915	Furnace for heating water and generating steam.	May 4	Aug. 26	J-108	319
800044	Sept. 19, 1905	Machine for the manufacture of matches.	May 4	Aug. 26	J-108	320
			1919	1919		
1048135	Dec. 24, 1912	Respiration apparatus	July 28	Aug. 25	E-108	21
1253548	Jan. 15, 1918	Method and apparatus for transporting incompressible fluid.	July 28	Oct. 2	H-108	271

No	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording	Book.	Page.
			1920.	1920.		
945241	Jan. 4, 1910	Steam or hot-air apparatus	May 4	Aug. 26	J-108	228
770078	Sept. 13, 1904	Magnetic curtain for covering leaks in ships.	May 4	Aug. 26	J-108	203
804478	Nov. 14, 1905	Portable freezing apparatus	May 4	Aug. 26	J-108	210
			1919	1919		
771327	Oct. 4, 1904	Valve	July 28	Oct. 11	J-108	32
			1920	1920		
813328	Feb. 20, 1906	Apparatus for moistening and warming rooms or apartments.	May 4	Aug. 26	J-108	279
828515	Aug. 14, 1906	Clearing vat for sewage	May 4	Aug. 26	J-108	292
903510	Nov. 10, 1908	Soaking pit	May 4	Aug. 26	J-108	296
903511	Nov. 10, 1908	Ingot-heating furnace	May 4	Aug. 26	J-108	296
955915	Apr. 26, 1910	Gas-purifying apparatus	May 4	Aug. 26	J-108	293
995575	June 20, 1911	Leather-working machine	May 4	Aug. 26	J-108	261
917160	Apr. 6, 1909	Baking oven	May 4	Aug. 26	J-108	272
922050	May 18, 1909	Baking oven	May 4	Aug. 26	J-108	272
910729	Jan. 26, 1909	Gas syringe with branched-out discharge pipe.	May 4	Aug. 26	J-108	258
725065	Apr. 14, 1903	Machine for making prolines	May 4	Aug. 26	J-108	164
725237	Apr. 14, 1903	Machine for molding blocks or tablets of chocolate.	May 4	Aug. 26	J-108	164
829581	Aug. 28, 1906	Metal bar links and bands, etc., formed of them.	May 4	Aug. 26	J-108	188
1001834	Aug. 29, 1911	Liquid applying and polishing device.	May 4	Aug. 26	J-108	163
1024886	Apr. 30, 1912	Meter	May 4	Aug. 26	J-108	159
1032285	July 9, 1912	Centrifugal machine	May 4	Aug. 26	J-108	196
930966	Aug. 10, 1909	Centrifugal apparatus for separating purposes.	May 4	Aug. 26	J-108	196
781145	Jan. 31, 1905	Apparatus for drying woven goods.	May 4	Aug. 26	J-108	193
1031543	July 2, 1912	Machine for pressing liquids from materials containing the same.	May 4	Aug. 26	J-108	160
			1919	1919		
1227836	May 29, 1917	Single acting, condensing, continuous current steam engine.	July 28	Sept. 22	G-108	398
			1920	1920		
1124907	Jan. 12, 1915	Centrifugal machine for separating solid substances from liquid.	May 4	Aug. 26	J-108	194
1232098	July 3, 1917	Leaching out hops	May 4	Aug. 26	J-108	287
992811	May 23, 1911	Apparatus for clearing and filtering waste water.	May 4	Aug. 26	J-108	285
848210	Mar. 26, 1907	Treating citron peel	May 4	Aug. 26	J-108	288
924503	June 8, 1909	Cylindrical positive electrode	May 4	Aug. 26	J-108	121
1009794	Nov. 28, 1911	Film pack	May 4	Aug. 26	J-108	273
723736	Mar. 24, 1903	Color-printing machine	May 4	Aug. 26	J-107	278
1125916	Jan. 19, 1915	Briqueting press	May 4	Aug. 26	J-108	266
1132527	Mar. 16, 1915	Briquet	May 4	Aug. 26	J-108	266
933853	June 8, 1909	Stropping device	May 4	Aug. 26	J-108	269
976893	Nov. 29, 1910	Concentrating apparatus	May 4	Aug. 26	J-108	220
774788	Nov. 15, 1904	Charging apparatus for blast furnaces.	May 4	Aug. 26	J-108	290
921347	May 11, 1909	Blade-attaching means	May 4	Aug. 26	J-108	200
920584	May 4, 1909	Apparatus for purifying air	May 4	Aug. 26	J-108	209
1018734	Feb. 27, 1912	Treating tin-bearing material	May 4	Aug. 23	J-108	323
1102841	July 7, 1914	Apparatus for making hollow bricks which are closed on all sides.	May 4	Aug. 26	J-108	322
1095764	May 5, 1914	Molding apparatus	May 4	Aug. 26	J-108	318
874270	Dec. 17, 1907	Chopping and extracting apparatus.	May 4	Aug. 26	J-108	311
918201	Apr. 13, 1909	Apparatus for the production of flame-extinguishing gases.	May 4	Aug. 26	J-108	28

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			1920.	1920.		
1149895	Aug. 10, 1915	Apparatus for manufacturing striped linoleum on a calender.	May 4	Aug. 26	J-108	132
818695	Apr. 24, 1906	Vessel for packing and storing washing powders containing alkaline peroxide.	May 4	Aug. 26	J-108	305
910002	Jan. 19, 1909	Apparatus for testing paper pulp	May 4	Aug. 26	J-108	207
873785	Dec. 17, 1907	Apparatus for deodorizing the exhaust gases of motors.	May 4	Aug. 26	J-108	249
1076786	Oct. 28, 1913	Preserving plant leaves, flowers, butterflies, and the like.	May 4	Aug. 26	J-108	254
1155712	Oct. 5, 1915	Mixing and kneading machine for earthy and mineral materials.	May 4	Aug. 26	J-108	157
797511	Aug. 15, 1905	Process of preventing and extinguishing fires in petroleum, etc.	May 4	Aug. 26	J-108	167
798908	Sept. 5, 1905	Apparatus for carrying out bacterial purification of sewage of drain water.	May 4	Aug. 26	J-108	199
831031	Sept. 18, 1906	Producing solid-drawn tubes	May 4	Aug. 26	J-108	124
929421	July 27, 1909	Method and device for preparing metal leaves for raised-printing impressions or for other purposes.	May 4	Aug. 26	J-108	165
1144780	June 29, 1915	Crude-oil preheater	May 4	Aug. 26	J-108	245
973768	Oct. 25, 1910	Method of making tobacco supple	May 4	Aug. 26	J-108	158
825115	July 3, 1906	Closure and process of making same.	May 4	Aug. 26	J-108	155
825116	July 3, 1906	Process of closing or sealing apertures.	May 4	Aug. 26	J-108	155
752389	Feb. 16, 1904	System of feeding slow-burning stoves.	May 4	Aug 26	J-108	151
1313367	Aug. 19, 1919	Boring tool	May 4	Aug. 26	J-108	142
			1919	1919		
1209102	Dec. 19, 1916	Apparatus for determining deviation of bore holes from the vertical.	July 28	Sept. 22	G-108	193
			1920	1920		
1171382	Feb. 8, 1916	Nozzle of presses for molding plastic materials.	May 4	Aug. 26	J-108	134
1178325	Apr. 4, 1916	Heating and cooking liquids, solid substances, and mixtures of liquids and solid substances.	May 4	Aug. 26	J-108	213
922353	May 25, 1909	Indicator for continuously registering the mean working pressure.	May 4	Aug. 26	J-108	145
927207	July 6, 1909	Indicator	May 4	Aug. 26	J-108	145
			1919	1919		
981152	Jan. 10, 1911	Device for indicating the useful pressure in engines.	July 28	Sept. 22	G-108	194
			1920	1920		
984732	Feb. 21, 1911	Engine indicator	May 4	Aug. 26	J-108	145
1063946	June 10, 1913	Apparatus for testing air or other gases.	May 4	Aug. 26	J-108	145
1063652	June 24, 1913	Testing apparatus for air and other gases.	May 4	Aug. 26	J-108	145
			1919	1919		
720361	Feb. 10, 1903	Method of regenerating platinum contact substances.	July 28	Oct. 23	H-108	369
726076	Apr. 21, 1903	Process of making sulphuric anhydrid.	July 11	Aug. 8	C-108	334
			1920	1920		
1051366	Jan. 21, 1913	Muffle kiln	May 4	Aug. 26	J-108	153
1162353	Nov. 30, 1915	Pot press especially adapted for the extraction of cacao butter or cacao oil.	May 4	Aug. 26	J-108	181
945389	Jan. 4, 1910	Sphygmomanometer	May 4	Aug. 26	J-108	180
880955	Mar. 3, 1908	Apparatus for cleansing corks	May 4	Aug. 26	J-106	143
812204	Feb. 13, 1906	Manufacturing photographic papers	May 4	Aug. 26	J-108	176
828652	Aug. 14, 1906	Making photographic papers	May 4	Aug. 26	J-108	176
832790	Oct. 9, 1906	Machine for beating leaf metal	May 4	Aug. 26	J-108	192

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			1920.	1920.		
896912	Aug. 25, 1908	Gasification of raw combustible materials.	May 4	Aug. 26	J-108	191
974393	Nov. 1, 1910	Treating cacao seeds to separate unripe from ripe seeds.	May 4	Aug. 26	J-108	197
897039	Aug. 25, 1908	Purifying and filtering water	May 4	Aug. 26	J-108	303
876528	Feb. 11, 1908	Rotary pump for gases	May 4	Aug. 26	J-108	185
733083	July 7, 1903	Apparatus for pouring out liquids	May 4	Aug. 26	J-108	267
895654	Aug. 11, 1908	Apparatus for the production of a gaseous or vaporeous fluid mixture.	May 4	Aug. 26	J-108	229
781348	Jan. 31, 1905	Revolving strainer	May 4	Aug. 26	J-108	232
831407	Sept. 18, 1906	Machine for cleaning textile fibers	May 4	Aug. 26	J-108	136
778510	Dec. 27, 1904	Apparatus for reducing bronze to powder.	May 4	Aug. 26	J-108	270
808766	Jan. 2, 1906	Joint for sheet metal and the like	May 4	Aug. 26	J-108	214
995575	June 20, 1911	Leather-working machine	May 4	Aug. 26	J-108	261
771086	Sept. 27, 1904	X-ray tube	May 4	Aug. 26	J-108	233
772666	Oct. 18, 1904	Roentgen tube	May 4	Aug. 26	J-108	233
772667	Oct. 18, 1904	X-ray tube	May 4	Aug. 26	J-108	233
806413	Dec. 5, 1905	Electrode for electrolyses used in the manufacture of bleaching liquors.	May 4	Aug. 26	J-108	212
832983	Oct. 9, 1906	Electrode for use in the manufacture of bleaching liquor.	May 4	Aug. 26	J-108	212
			1919	1919		
1172568	Feb. 22, 1916	Method of and apparatus for securing constancy in the light of vacuum tubes.	July 28	Oct. 11	J-108	39
			1920	1920		
881842	Mar. 10, 1908	Nozzle for the supply of liquid or gaseous fuel to furnaces.	May 4	Aug. 26	J-108	135
1006776	Oct. 24, 1911	Machine for making fringes	May 4	Aug. 26	J-108	236
973455	Oct. 18, 1910	Safety lock	May 4	Aug. 26	J-108	229
905402	Dec. 1, 1908	Removing carbon from metallic filaments.	May 4	Aug. 26	J-108	306
936403	Oct. 12, 1909	Making filaments for electric incandescent lamps.	May 4	Aug. 26	J-108	306
930723	Aug. 10, 1909	Forming electric-incandescent lamp filaments.	May 4	Aug. 26	J-108	306
746975	Dec. 15, 1903	Film and plate camera	May 4	Aug. 26	J-108	118
1064773	June 17, 1913	Draining and utilizing slime	May 4	June 11	J-108	120
1088297	Feb. 24, 1914	Machine for grinding slabs	May 4	Aug. 26	J-108	253
977132	Nov. 29, 1910	Machine for preparing hides and skins of every description.	May 4	Aug. 26	J-108	248
949661	Feb. 15, 1910	Sterilising apparatus	May 4	Aug. 26	J-108	251
1172528	Feb. 22, 1916	Improving water for brewing and malting purposes.	May 4	Aug. 26	J-108	196
1059430	Apr. 22, 1913	Apparatus for preventing the formation of boiler scale.	May 4	Aug. 26	J-108	125
823287	June 12, 1906	Apparatus for delivering acid and alkaline liquids in measured quantities.	May 4	Aug. 26	J-108	226
			1919	1919		
1100694	June 16, 1914	Producing and maintaining a high vacuum.	July 28	Aug. 25	D-108	258
			1920	1920		
945567	Jan. 4, 1910	Roasted sulfurized grain	May 4	Aug. 26	J-108	224
1059553	Apr. 22, 1913	Weighing apparatus for liquids	May 4	Aug. 26	J-108	231
917882	Apr. 13, 1909	Automatic weighing apparatus	May 4	Aug. 26	J-108	233
921428	May 11, 1909	Regulating valve for liquid-weighing machines.	May 4	Aug. 26	J-108	233
1125027	Jan. 12, 1915	Heater	May 4	Aug. 26	J-108	238
1221469	Apr. 3, 1917	Rock machine drill for operating with flushing water.	May 4	Aug. 26	J-108	219
			1919	1919		
1221469	Apr. 3, 1917	Rock machine drill for operating with flushing water.	July 28	Sept. 22	G-108	318
			1920	1920		
1016093	Jan. 30, 1912	Process for corrugating cardboard.	May 4	Aug. 26	J-108	250

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1314642	Sept. 2, 1919	Process for the manufacture of catalyzing agents of particular efficiency.	1920. May 4	1920. Aug. 26	J-108	168
1152848	Sept. 7, 1915	Plant for cooling, removing scale from chalking and drying wire delivered by finishing rolls.	1919 July 22	1919 July 31	C-108	58
905598	Dec. 1, 1908	Gas engine	July 21	July 31	C-108	84
793237	June 27, 1905	Copying plastic objects	July 22	July 31	C-108	51
1126877	Feb. 2, 1915	Vapor alternating-current rectifier and similar apparatus.	July 28	Aug. 25	D-108	430
771069	Oct. 4, 1904	Cold process of simultaneously cutting out and stamping polished wooden articles.	July 28	Oct. 11	J-108	20
892241	June 30, 1908	Electrically detecting dangerous gases and apparatus therefor.	July 28	Sept. 19	G-108	24
959521	May 31, 1910	Electrolytic apparatus with liquid anode.	July 28	Sept. 10	F-108	302
817640	Apr. 10, 1906	Automatic gas igniter	July 28	Sept. 8	E-108	414
781338	Jan. 31, 1905	Uniting the two components of a thermo-electric couple.	July 28	Oct. 3	E-108	363
808086	Dec. 26, 1905	Thermo-electric battery	July 28	Sept. 18	F-108	303
888480	May 26, 1908	Bronzing machine	July 28	Sept. 22	G-108	238
903184	Nov. 10, 1908	Gas-retort feeding machine	July 28	Aug. 25	D-108	69
906812	Dec. 15, 1908	Gas producer	July 18	July 31	B-108	264
822270	June 5, 1906	Electrically heated hollow body	July 28	Aug. 23	C-108	487
875813	Jan. 7, 1908	Gas generator	July 21	July 31	B-108	50
807553	Dec. 19, 1905	Process for the treatment of wicks for increasing their inflammability.	July 28	Oct. 2	H-108	160
1237222	Aug. 14, 1917	Arrangement for homogenizing liquids.	July 28	Sept. 22	G-108	386
780670	Jan. 24, 1905	Method of and apparatus for applying solutions or fluids to traveling webs.	July 28	Aug. 25	D-108	152
846657	Mar. 12, 1907	Extracting copper	July 28	Aug. 25	D-108	109
832322	Oct. 2, 1906	Impregnating roasted coffee	July 28	Aug. 25	D-108	135
1130588	Mar. 2, 1915	Fruit and vegetable dust and making same.	July 28	Sept. 19	G-102	27
1187282	June 13, 1916	Arc-lamp electrode	July 28	Oct. 3	H-108	323
874667	Dec. 24, 1907	Apparatus for measuring the supply of steam from a boiler.	July 28	Aug. 25	C-108	418
909172	Jan. 12, 1909	Process of preserving meat	July 28	Sept. 8	E-108	339
1099595	June 9, 1914	Process of and apparatus for heating.	July 28	Aug. 25	D-108	104
1117618	Nov. 17, 1914	Surgical appliance	July 28	Aug. 25	C-108	372
1014690	Jan. 16, 1912	Butter flavoring	July 28	Aug. 25	D-108	27
1178858	Apr. 11, 1916	Obtaining gases for heating purposes.	July 11	Aug. 8	C-108	332
795943	Aug. 1, 1905	Moistening cloth for copying writings.	July 28	Sept. 19	G-108	126
980802	Jan. 3, 1911	Manufacture of incandescent gas mantle.	July 15	July 31	B-108	184
848622	Apr. 2, 1907	Gas generator	July 11	Aug. 8	C-108	252
977697	Dec. 6, 1910	Arc-lamp electrode	July 28	Aug. 25	D-108	58
994447	June 6, 1911	Electric radiatory stove	July 28	Oct. 7	I-108	222
1012617	Dec. 26, 1911	Electric radiator	July 28	Sept. 8	E-108	333
1103353	July 14, 1914	Electric heater	July 28	Oct. 7	I-108	222
1132313	Mar. 16, 1915	Flame arc lamp and electrode therefor.	July 28	Sept. 19	G-108	11
1221039	Apr. 3, 1917	Flame arc lamp and electrode therefor.	Apr. 28	Sept. 8	E-108	332
902871	Nov. 3, 1908	Thermic mixture	July 28	Aug. 25	C-108	445
895628	Aug. 11, 1908	Manufacturing metals	July 28	Aug. 25	C-108	445
938758	Nov. 2, 1909	Method of manufacturing calcium-silicon alloys, etc.	July 28	Aug. 25	C-108	445
995601	June 20, 1911	Gasometer	July 18	July 31	B-108	435
774801	Nov. 15, 1904	Lens stereoscope	July 28	Oct. 3	H-108	470

No.	Date of issue.	Title	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1000346	Aug. 8, 1911	Magnifying spectacle glass	July 28	Aug. 25	E-108	172
1028281	June 4, 1912	Telescope spectacle glass	July 28	Oct. 3	H-108	470
1030128	June 18, 1912	Spectacle glass	July 28	Aug. 25	E-108	172
1143667	June 22, 1915	Optical system	July 28	Aug. 25	E-108	172
818453	Apr. 24, 1906	Machine for cutting up or mitering flanged metal beams or girders.	July 15	July 31	B-108	147
970932	Sept. 20, 1910	Stamping and printing paper webs.	July 28	Aug. 25	D-108	147
1050280	Jan. 14, 1913	Therapeutic belt	July 28	Sept. 22	G-108	290
850397	Apr. 16, 1907	Elastic fluid turbine	July 28	Oct. 7	I-108	328
874432	Dec. 24, 1907	Turbine	July 28	Oct. 7	I-108	328
1032158	July 9, 1912	Electrode for secondary galvanic cells.	July 28	Sept. 8	F-108	68
1066651	July 8, 1913	Electrode for secondary galvanic cells.	July 28	Sept. 30	H-108	28
919805	Apr. 27, 1909	Linotype machine	July 28	Aug. 25	C-108	370
864139	Aug. 20, 1907	Manufacture of alloys	July 28	Sept. 8	F-108	98
862326	Aug. 6, 1907	Color comparator	July 28	Feb. 22	G-108	272
886683	May 5, 1908	Balling together pulverulent or dusty ores.	July 28	Sept. 8	E-108	319
905832	Dec. 1, 1908	Device for admitting gas into vacuum tubes.	July 28	Oct. 6	H-108	493
914233	Mar. 2, 1909	Frost-proof fire-extinguishing liquid	July 28	Aug. 25	D-108	46
1160908	Nov. 16, 1915	Process for the production of gas from bituminous fuels in intermittent operation.	July 11	Aug. 8	C-108	333
887038	May 12, 1908	Producing gas	July 11	Aug. 8	C-108	252
912509	Feb. 16, 1909	Manufacturing gas from coal	July 21	July 31	C-108	134
935081	Sept. 28, 1909	Method of consolidating loose soils, quicksand, etc.	July 28	Oct. 2	H-108	284
811071	Feb. 6, 1906	Manufacturing milk preparation	July 28	Aug. 25	D-108	493
888120	May 19, 1908	Structure made of bricks for reaction towers, heat-compensation apparatus, and the like.	July 28	Aug. 25	D-108	433
1060868	May 6, 1913	Electric-resistance furnace	July 28	Sept. 19	C-108	170
1049947	Jan. 7, 1913	Apparatus for destroying refuse	July 28	Oct. 6	I-108	159
1054398	Feb. 25, 1913	Photographic recording apparatus for galvanometers, oscillographs, and the like.	July 29	Aug. 25	D-108	285
829664	Aug. 28, 1906	Solidifying earthy ground	July 22	July 31	B-108	313
885480	Apr. 21, 1908	Making producer gas	July 15	July 31	B-108	93
819144	May 1, 1906	Wafer capsule machine	July 28	Oct. 6	I-108	90
947971	Feb. 1, 1910	Binocular telescope	July 28	Sept. 8	E-108	468
918752	Apr. 20, 1909	Double telescope	July 22	Oct. 2	Z-108	260
920756	May 4, 1909	Binocular telescope	July 22	Oct. 2	Z-108	260
1000609	Aug. 15, 1911	Telemeter	July 22	Oct. 2	Z-108	260
940166	Nov. 16, 1909	Separating-prism telemeter	July 22	Oct. 2	Z-108	260
942393	Dec. 7, 1909	Angle-measuring appliance	July 28	Sept. 22	G-108	284
1062166	May 20, 1913	Stereoscopic telemeter	July 22	Oct. 2	Z-108	260
1101081	June 23, 1914	Optical square prism	July 28	Sept. 18	F-108	323
1128154	Feb. 9, 1915	Making foodstuffs from sulfite cellulose waste liquors.	July 28	Oct. 7	I-108	288
1126300	Jan. 26, 1915	Centrifugal pump blower, compressor, and the like.	July 28	Sept. 22	G-108	391
762847	June 14, 1904	Storage battery	July 28	Sept. 22	G-108	403
762256	June 7, 1904	Mixture for treating tuberculosis	July 28	Oct. 3	H-108	445
858675	July 2, 1907	Fireproof slab	July 28	Sept. 8	F-108	125
897840	Sept. 1, 1908	Preparation of coffee	July 28	Sept. 19	G-108	95
956775	May 3, 1910	Receptacle for liquid-weighing machines.	July 28	Nov. 10	J-108	90
1000618	Aug. 15, 1911	Tripod with hinged legs	July 28	Aug. 25	D-108	357
1083543	Jan. 6, 1914	Adjusting device for pattern-cylinders of printing machine.	July 28	Sept. 8	E-108	478
1086721	Feb. 10, 1914	Color-printing machine	July 28	Sept. 8	E-108	478
849429	Apr. 9, 1907	Apparatus for separating and discharging coke.	July 28	Oct. 7	I-108	345
990804	July 4, 1911	Alarm indicator for boiling purposes.	July 28	Sept. 30	H-108	53

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording	Book.	Page
			1910.	1910.		
729022	May 12, 1903	Device for automatically recording the amount of carbonic acid in products of combustion.	July 28	Aug. 2	D-108	482
905304	Dec. 1, 1908	Device for locating a molten distributing fuse.	July 28	Oct. 2	H-108	251
1104723	July 21, 1914	Oil transformer	July 28	Sept. 30	H-108	88
1189096	June 27, 1916	Pumping apparatus	July 22	July 31	B-108	6
1189096	June 27, 1916	Pumping apparatus	June 24	June 28	A-108	220
1066200	July 1, 1913	Process of treating groundnuts and products derived therefrom.	July 28	Aug. 25	D-108	99
857247	June 18, 1907	Apparatus for fusing metals	July 28	Nov. 10	J-108	87
1089805	Mar. 10, 1914	Medical appliance	July 28	Oct. 6	I-108	168
1155024	Sept. 28, 1915	Water-supply system	July 28	Nov. 10	J-108	101
751704	Feb. 9, 1904	Producing paved tracks on macadamised roads or the like.	July 28	Oct. 7	I-108	378
1257561	Feb. 26, 1918	Chambering device for rock drills	July 28	Aug. 25	E-108	242
878322	Feb. 4, 1908	Cemented lithographic stone	July 18	July 31	C-108	202
983586	Feb. 7, 1911	Conveyer for incandescent materials	July 28	Aug. 25	E-108	250
1029835	June 18, 1912	Lithographic stone	July 28	Sept. 8	F-108	180
1069047	July 29, 1913	Gas lighter	July 23	Sept. 8	F-108	179
874267	Dec. 17, 1907	Means for mounting stone lithographic rollers.	July 28	Oct. 6	I-108	179
883144	Mar. 24, 1908	Color-spraying apparatus	July 28	Sept. 18	F-108	359
863081	Aug. 13, 1907	Manufacture of alimentary products	July 28	Sept. 19	G-108	86
904886	Nov. 24, 1908	Self-igniting device	July 28	Aug. 25	D-108	281
927374	July 6, 1909	Manufacturing incandescent mantles.	July 28	Sept. 18	F-108	337
931460	Aug. 17, 1909	Gas producer	July 16	July 31	B-108	290
937587	Oct. 19, 1909	Gas producer	July 16	July 31	B-108	290
911745	Feb. 9, 1909	Making albuminous bread	July 28	Sept. 19	G-108	89
1102536	July 7, 1914	Container for storing photographic plates.	July 28	Sept. 19	G-108	91
1080020	Dec. 9, 1913	Manufacture of alimentary products.	July 28	Aug. 25	D-108	282
760361	May 17, 1904	Steadying resistance for arc-lamps.	July 28	Oct. 3	H-108	479
770489	Sept. 20, 1904	Electric arc lamp	July 28	Oct. 3	H-108	479
783662	Feb. 28, 1905	Incandescent gaslight lamp	July 28	Aug. 25	E-108	191
921897	May 18, 1909	Automatic cut-off for gas	July 21	July 31	C-108	111
836054	Nov. 13, 1906	Manufacturing gas	July 21	July 31	C-108	44
805235	Nov. 21, 1905	Producer-gas furnace	July 22	July 31	C-108	113
903112	Nov. 3, 1908	Gas producer	July 22	July 31	C-108	114
1108402	Aug. 25, 1914	Use of rawhide	June 17	June 28	A-108	264
970122	Sept. 13, 1910	Automatic gas cut-off	July 21	July 31	C-108	111
748424	Dec. 29, 1903	Hypodermic syringe	July 28	Aug. 25	D-108	456
763513	June 28, 1904	Fireproof ceiling	July 28	Oct. 11	J-108	33
768774	Aug. 30, 1904	Construction of frozen walls for shafts of mines.	July 28	Sept. 8	F-108	128
774807	Nov. 8, 1904	Manufacture of objects of papier-mache.	July 28	Oct. 3	H-108	448
898807	Sept. 15, 1908	Illuminating apparatus	July 28	Oct. 3	H-108	452
888006	May 19, 1908	Wall and ceiling covering	July 28	Sept. 22	G-108	230
842012	Jan. 22, 1907	Apparatus for forcing fluids	July 28	Oct. 11	J-108	3
1027154	May 21, 1912	Gas-generating furnace	July 18	July 31	B-108	455
1100845	June 23, 1914	Manufacture of grinding apparatus	July 28	Sept. 30	H-108	35
891560	June 23, 1908	Refrigerating apparatus employing carbonic acid.	July 28	Aug. 25	D-108	279

SCHEDULE 14.

The instrument dated July 20, 1920, and recorded in the United States Patent Office on July 27, 1920, in liber B-111, page 66 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-14, attached to this bill of complaint, enumerated the following patent:

No.	Date of filing.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
	Feb. 12, 1919	Improvements in Trimethyl acetyl salicylic acid compound.	1919. June 17	1919. June 18	C-107	269

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

Note.—The demand was served withou tthe serial number being given. The above application later developed into a patent. The records of this office show no further demand than above.

SCHEDULE 15.

The instrument dated December 21, 1920, and recorded in United States Patent Office on December 21, 1920, in liber V-112, page 1, of the Transfers of Patents, a copy of which instrument is set out in Exhibit H-15 attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
			1920.	1920.		
877460	Jan. 21, 1908	Apparatus for separating liquids from gases or vapors.	May 4	Aug. 26	J-108	128
[2]12693	Sept. 3, 1907	Preservative	May 4	Aug. 26	J-108	235
929422	July 27, 1909	Heat-insulating vessel	May 4	June 11	J-108	122
801204	Oct. 10, 1905	Method of and apparatus for treating coal, ores, and other minerals for draining them of water.	May 4	Aug. 26	J-108	127
821819	May 29, 1906	Concentrator for pulverulent materials.	May 4	Aug. 26	J-108	241
813320	Feb. 20, 1906	Lateral packing for the end faces of pairs of rollers.	May 4	Aug. 26	J-108	241
831060	Sept. 18, 1906	Gas igniting and extinguishing device.	May 4	Aug. 26	J-108	171
1105610	Aug. 4, 1914	Apparatus for cutting plate glass.	May 4	Aug. 26	J-108	127
1101392	June 23, 1914	Apparatus for the manufacture of raw plate glass.	May 4	Aug. 26	J-108	127
1114098	Oct. 20, 1914	Method of and apparatus for cutting plate glass.	May 4	Aug. 26	J-108	127
1175116	Mar. 14, 1916	Manufacture of raw plate glass	May 4	Aug. 26	J-108	127
1175117	Mar. 14, 1916	Making plate glass	May 4	Aug. 26	J-108	127
1158863	Nov. 2, 1915	Producing translucent ornaments or designs in pottery.	May 4	Aug. 26	J-108	264
866499	Sept. 17, 1907	Manufacturing a ferruginous addition to cattle food.	May 4	Aug. 26	J-108	221
1043349	Nov. 5, 1912	Ball mill	May 4	Aug. 26	J-108	242
			1919	1919		
1204779	Nov. 4, 1916	Water-heating apparatus	July 28	Sept. 8	E-108	443
			1920	1920		
1021043	Mar. 26, 1912	Process and apparatus for manufacture of glass drums and other hollow bodies.	May 4	Aug. 26	J-108	183
1151722	Aug. 31, 1915	Apparatus for separating minerals and like materials.	May 4	Aug. 26	J-108	284
1026577	May 14, 1912	Producing paper pulp from old paper.	May 4	Aug. 26	J-108	186
1036239	Aug. 20, 1912	Apparatus for preparing old and new molding sand.	May 4	Aug. 26	J-108	179
839941	Jan. 1, 1907	Machine for molding plastic materials.	May 4	Aug. 26	J-108	216

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

[2]Reissue.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
972674	Oct. 11, 1910	Apparatus for opening or closing the discharge openings of vertical retorts.	1920. May 4 1919 July 11	1920. Aug. 26 1919 Aug. 8	J-108 C-108	139 274
1205893	Nov. 21, 1916	Apparatus for developing photographic plates by daylight.	1920 May 4	1920 Aug. 26	J-108	182
761051	May 24, 1904	Compound fabric	May 4	Aug. 26	J-108	299
1033377	July 23, 1912	Apparatus for separating granular admixtures from clay and like plastic substances.	May 4	Aug. 26	J-108	141
1158310	Oct. 26, 1915	Apparatus for measuring area of hides.	1919 July 28	1919 Oct. 2	H-108	253
958653	May 17, 1910	Ice-making machine	1920 May 4	1920 Aug. 26	J-108	310
1126659	Jan. 26, 1915	Producing acid and fireproof bodies.	May 4	Aug. 26	J-108	281
1126027	Jan. 26, 1915	Apparatus for detecting pipe leads or other metallic masses embedded in masonry.	1919 July 28	1919 Sept. 30	H-108	7
1140289	May 18, 1915	Apparatus for homogenizing milk and other liquids.	July 28	Oct. 11	J-108	38
1156407	Oct. 12, 1915	Apparatus for dividing more or less thick liquid or pasty materials.	1920 May 4	1920 Aug. 26	J-108	205
1204564	Nov. 14, 1916	Fluid-pressure relay governor	May 4	Aug. 26	J-108	170
988968	Apr. 11, 1911	Machine for cleaning and sorting clay or the like.	May 4	Aug. 26	J-108	140
991679	May 9, 1911	Drying apparatus	May 4	Aug. 26	J-108	312
835049	Nov. 6, 1906	Grinding or crushing mill	May 4	Aug. 26	J-108	314
882304	Mar. 17, 1908	Extracting apparatus for horizontal retorts.	May 4	Aug. 26	J-108	154
906785	Dec. 15, 1908	Centrifugal machine for feeding gas retorts.	May 4	Aug. 26	J-108	154
794187	July 11, 1905	Mechanical preparation of wood pulp from sawdust.	May 4	June 11	J-108	119
1127951	Feb. 9, 1915	Oil retort	May 4	Aug. 26	J-108	313
1071962	Sept. 2, 1913	Automatic charging device for roasting furnace and the like.	May 4	Aug. 26	J-108	263
1069009	July 29, 1913	Apparatus for pneumatically separating sheets.	May 4	Aug. 26	J-108	174
1092359	Apr. 7, 1914	Control device for sheet separators.	May 4	Aug. 26	J-108	174
1143708	June 22, 1915	Apparatus for separating sheets from a pile or stack.	May 4	Aug. 26	J-108	174
1068830	Aug. 12, 1913	Process of producing polychrome photogravures and apparatus therefor.	May 4	Aug. 26	J-108	296
839587	Dec. 11, 1906	Process and apparatus for construction of slabs of artificial stone, etc.	May 4	Aug. 26	J-108	183
1014221	Jan. 9, 1912	Device for making plates of artificial stone.	May 4	Aug. 26	J-108	187
1083279	Jan. 6, 1914	Device for removing water from layers of artificial stone pulp.	May 4	Aug. 26	J-108	187
899911	Sept. 29, 1908	Safety device for the mouths of vessels containing combustible liquids.	May 4	Aug. 26	J-108	283
874088	Dec. 24, 1907	Treating waste oakum and similar materials.	May 4	Aug. 26	J-108	172
847232	Mar. 12, 1907	Apparatus for cooling, moistening, and purifying the air in rooms.	May 4	Aug. 26	J-108	133
860810	July 23, 1907	Diffusion apparatus	May 4	Aug. 26	J-108	308
1065090	June 24, 1913	Regulating and reversing apparatus for regenerative gas furnaces.	May 4	Aug. 26	J-108	198
1104002	July 21, 1914	Lubricating device for axle bearings	May 4	Aug. 26	J-108	244
1141652	June 1, 1915	Blowing system for furnaces	May 4	Aug. 26	J-108	244
725894	Apr. 21, 1903	Arrangement for heating, cooking, and mixing the mash in mashtubs	May 4	Aug. 26	J-108	100
1067287	July 15, 1913	Magnetic separator	May 4	Aug. 26	J-108	301

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1920.	1920.		
1016118	Jan. 30, 1912	Glass roof	May 4	Aug. 26	J-108	309
1064490	June 10, 1913	Malt drum	May 4	Aug. 26	J-108	201
934817	Sept. 21, 1909	Apparatus for spreading materials on edibles such as cake, biscuit, and the like.	May 4	Aug. 26	J-108	211
822501	June 5, 1906	Magazine film holder	May 4	Aug. 26	J-108	130
906676	Dec. 15, 1908	Press for sweetmeats, tablets, and the like.	May 4	Aug. 26	J-108	129
1156829	Oct. 12, 1915	Cooling devices for electrical machines mounted on vessels.	May 4	Aug. 26	J-108	315
			1919	1919		
1078387	Nov. 11, 1913	Apparatus for lining tubes with lead, tin, or the like.	July 28	Sept. 22	G-108	412
842730	Jan. 29, 1907	Making electrically conducting bodies for use as contacts.	July 28	Sept. 22	G-108	416
1169942	Feb. 1, 1916	Arc-light electrode	July 28	Oct. 7	I-108	374
			1920	1920		
1267641	May 28, 1918	Resistance body	May 4	Aug. 26	J-108	152
1267642	May 28, 1918	Regulating resistance	May 4	Aug. 26	J-108	152
814967	Mar 13, 1906	Apparatus for obtaining pure cotton or fibrous materials for textile and like purposes.	May 4	Aug. 26	J-108	206
807580	Dec. 19, 1905	Water-circulating device	May 4	Aug. 26	J-108	307
1074448	Sept. 30, 1913	Nonexplosive stopper for bottle containing liquid fuels.	May 4	Aug. 26	J-108	230
1077471	Nov. 4, 1913	Intermittently acting double siphon	May 4	Aug. 26	J-107	189
1029817	June 18, 1912	Press for making briquets and the like.	May 4	Aug. 26	J-108	227
1065356	June 24, 1913	Fire-extinguishing apparatus	May 4	Aug. 26	J-108	169
			1919	1919		
858381	July 2, 1907	Fire extinguisher	July 28	Sept. 19	G-108	40
			1920	1920		
842979	Feb. 5, 1907	Device for cleaning frosen window glasses and for preventing them from freesing.	May 4	Aug. 26	J-108	277
1078732	Nov. 18, 1913	Temperature controller	May 4	Aug. 26	J-108	276
1070032	Aug. 19, 1913	Apparatus for producing cotton waste.	May 4	Aug. 26	J-108	252
1003813	Sept. 19, 1911	Increasing the binding power of basic silicates of lime.	May 4	Aug. 26	J-108	274
807507	Dec. 19, 1905	Bottling and like apparatus	May 4	Aug. 26	J-108	258
814169	Mar. 6, 1906	Apparatus for decanting liquids	May 4	Aug. 26	J-108	256
888538	May 26, 1908	Corking machine	May 4	Aug. 26	J-108	256
1107986	Aug. 18, 1914	Apparatus for purifying gases	May 4	Aug. 26	J-108	239
1061488	May 13, 1913	Manufacture of alimentary products.	May 4	Aug. 26	J-108	240
			1919	1919		
1075720	Oct. 14, 1913	Manufacture of alimentary products.	July 28	Aug. 25	D-108	294
			1920	1920		
1046482	Dec. 10, 1912	Refrigerating and carbonating apparatus.	May 4	Aug. 26	J-108	223
771202	Sept. 27, 1904	Apparatus for the treatment of peat fiber for manufacturing half stuff.	May 4	Aug. 26	J-108	158
1259915	Feb. 12, 1918	Drying apparatus	May 4	Aug. 26	J-108	218
1164854	Dec. 21, 1915	Gas burner	May 4	Aug. 26	J-108	243
839450	Dec. 25, 1906	Explosive	May 4	Aug. 26	J-108	131
887027	May 5, 1908	Explosive	May 4	Aug. 26	J-108	131
1003628	Sept. 19, 1911	Apparatus for the treatment of solid bodies with gases.	May 4	Aug. 26	J-108	234
1027875	May 28, 1912	Economiser, regenerator, and the like.	May 4	Aug. 26	J-108	234
			1919	1919		
1018331	Feb. 20, 1912	Hot blast stove	July 28	Sept. 8	F-108	346

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
1242873	Oct. 9, 1917	Process and apparatus for filling vessels with milk.	1920 May 4	1920 Aug. 26	J-108	291
839459	Dec. 25, 1906	Process of making gold	May 4	Aug. 26	J-108	150
1110278	Sept. 8, 1914	Machine for measuring the surfaces of leather or the like.	May 4	Aug. 26	J-108	144
822929	June 12, 1906	Nodulizing ore	May 4	Aug. 26	J-108	149
940075	Nov. 16, 1909	Device for preventing dust detonations.	May 4	Aug. 26	J-108	282
871308	Nov. 19, 1907	Surface cooler	May 4	Aug. 26	J-108	302
1285806	Nov. 26, 1918	Metal-vapor rectifier and similar apparatus.	May 4	Aug. 26	J-108	257
778193	May 17, 1904	Grain decorticating and grinding machine.	May 4	Aug. 26	J-108	178
863885	Aug. 20, 1907	Oil press	May 4	Aug. 26	J-108	259
929180	July 27, 1909	Machine for manufacturing paper tubes.	May 4	Aug. 26	J-108	147
911776	Feb. 9, 1909	Binocular telescope with double hinge.	1919 July 22	1919 Oct. 2	Z-108	260
989645	Apr. 18, 1911	Toric spectacle glass	1920 May 4	1920 Aug. 26	J-108	304
949501	Feb. 15, 1910	Spectacle glass	1919 July 28	1919 Oct. 3	H-108	470
1242377	Oct. 9, 1917	Apparatus for examining radioactive substances.	1920 May 4	1920 Aug. 26	J-108	275
1120246	Dec. 8, 1914	Heat transmitting fluid for baking ovens and the like.	May 4	Aug. 26	J-108	265
1026885	May 21, 1912	Gas furnace for heating, scaling, and hardening purposes.	May 4	Aug. 26	J-108	271
841499	Jan. 15, 1907	Manufacturing power gas	May 4	Aug. 26	J-108	161
986271	Mar. 7, 1911	Refining and agglomerating ores and the like.	1919 July 28	1919 Oct. 3	H-108	320
005022	Oct. 3, 1911	Detinning tin scrap	1920 May 4	1920 Aug. 26	J-108	173
981695	Jan. 17, 1911	Means for forming parallel faces on the ends of rails, etc.	May 4	Aug. 26	J-108	260
1018734	Feb. 27, 1912	Treating tin-bearing material	May 4	Aug. 26	J-108	323
1187504	June 20, 1916	Stirring device for mechanical roasting furnaces.	May 4	Aug. 26	J-108	148
874063	Dec. 17, 1907	Gas burner	May 4	Aug. 26	J-108	166
892885	July 7, 1908	Skin substitute for heads of drum and the like.	May 4	Aug. 26	J-108	240
887016	May 5, 1908	Construction of drums	May 4	Aug. 26	J-108	247
805366	Nov. 21, 1905	Textile fiber materials	May 4	Aug. 26	J-108	208
827102	July 31, 1906	Process of manufacturing fiber material from animal tendons or sinews.	May 4	Aug. 26	J-108	208
974660	Nov. 1, 1910	Making fish sausage	May 4	Aug. 26	J-108	177
908001	Dec. 29, 1908	Fireproof floor construction	May 4	Aug. 26	J-108	175
876359	Jan. 14, 1908	Pressure regulator for compressed-gas plants.	May 4	Aug. 26	J-108	204
1047809	Dec. 17, 1912	Oil press	May 4	Aug. 26	J-108	184
858663	July 2, 1907	Apparatus for cleaning the tubes and joint pipes of water gages.	May 4	Aug. 26	J-108	213
847065	Mar. 12, 1907	Body to be heated electrically	1919 July 28	1919 Oct. 6	I-108	61
1021249	Mar. 26, 1912	Prop for mines	July 28	Aug. 25	C-108	482
838464	Dec. 11, 1906	Means for uniformly distributing powdered substances.	1920 May 4	1920 Aug. 26	J-108	295
1014681	Jan. 16, 1912	Supporting incandescent electric lamps and reflectors.	May 4	Aug. 26	J-108	316

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				Date of filing or recording.	Book.	Page
			1920.	1920.		
1055384	Mar. 11, 1913	Band press for drying vegetables and mineral substances.	May 4	Aug. 26	J-108	145
1280359	Oct. 1, 1918	Device for removing injurious seeds.	May 4	Aug. 26	J-108	145
1269599	June 18, 1918	Method and apparatus for testing gases.	May 4	Aug. 26	J-108	190
			1919	1919		
830225	Sept. 4, 1906	Testing gaseous mixtures	July 28	Oct. 11	R-108	305
			1920	1920		
1071354	Aug. 26, 1913	Electrical separator	May 4	Aug. 26	J-108	282
851778	Apr. 30, 1907	Purifying apparatus for liquids	May 4	Aug. 26	J-108	288
922524	May 25, 1909	Testing the tensile strength of elastic materials.	May 4	Aug. 26	J-108	208
940947	Nov. 23, 1909	Apparatus for separating particles of liquid from gases and vapors.	May 4	Aug. 26	J-108	294
880579	Mar. 3, 1908	Carbon electrode for electrical bleaching apparatus.	May 4	Aug. 26	J-108	280
852867	May 7, 1907	Crucible furnace	May 4	Aug. 26	J-108	138
1084520	Jan. 13, 1914	Increasing the heating resisting properties of bituminous or tarry materials.	May 4	Aug. 26	J-108	324
869321	Oct. 29, 1907	Insulating material and manufacturing same.	May 4	Aug. 26	J-108	225
874374	Dec. 17, 1907	Apparatus for electrodepositing metals.	May 4	Aug. 26	J-108	217
945241	Jan. 4, 1910	Steam or hot-air apparatus	May 4	Aug. 26	J-108	228
858738	July 2, 1907	Furnace for burning glass, porcelain and like articles.	May 4	June 11	J-108	117
1090904	Mar. 24, 1914	Manufacturing raw plate glass	May 4	Aug. 26	J-108	126
886497	Sept. 17, 1907	Doing away with blowholes and like flaws in castings.	May 4	Aug. 26	J-108	237
			1919	1919		
886498	Sept. 17, 1907	Melting through masses of material.	July 28	Nov. 10	J-108	88
1235505	July 31, 1917	Fire extinguisher	July 28	Aug. 25	D-108	492
			1920	1920		
1094724	Apr. 28, 1914	Variable power telescope	May 4	Aug. 26	J-108	202
785786	Mar. 28, 1905	Machine for making corrugated wood oliver.	May 4	Aug. 26	J-108	317
1074306	Sept. 30, 1913	Differential manometer	May 4	Aug. 26	J-108	321
			1919	1919		
1199731	Sept. 26, 1916	Medical appliance	July 28	Oct. 6	I-108	54
			1920	1920		
1164151	Dec. 14, 1915	Furnace for heating water and generating steam.	May 4	Aug. 26	J-108	319
800044	Sept. 19, 1905	Machine for the manufacture of matches.	May 4	Aug. 26	J-108	320
			1919	1919		
1048135	Dec. 24, 1912	Respiration apparatus	July 28	Aug. 25	E-108	21
1253348	Jan. 15, 1918	Method and apparatus for transporting incompressible fluid.	July 28	Oct. 2	H-108	271
			1920	1920		
945241	Jan. 4, 1910	Steam or hot-air apparatus	May 4	Aug. 26	J-108	228
770078	Sept. 13, 1904	Magnetic curtain for covering leaks in ships.	May 4	Aug. 26	J-106	203
804478	Nov. 14, 1905	Portable freezing apparatus	May 4	Aug. 26	J-108	210
			1919	1919		
771327	Oct. 4, 1904	Valve	July 28	Oct. 11	J-108	32
			1920	1920		
813328	Feb. 20, 1906	Apparatus for moistening and warming rooms or apartments.	May 4	Aug. 26	J-108	279
838515	Aug. 14, 1906	Clearing vat for sewage	May 4	Aug. 26	J-108	293
903510	Nov. 10, 1908	Soaking pit	May 4	Aug. 26	J-108	298
903511	Nov. 10, 1908	Ingot-heating furnace	May 4	Aug. 26	J-108	296

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			1920.	1920.		
953915	Apr. 26, 1910	Gas-purifying apparatus	May 4	Aug. 26	J-108	293
995575	June 20, 1911	Leather-working machine	May 4	Aug. 26	J-108	281
917260	Apr. 6, 1909	Baking oven	May 4	Aug. 26	J-108	272
922050	May 18, 1909	Baking oven	May 4	Aug. 26	J-108	272
910729	Jan. 26, 1909	Gas syringe with branched-out discharge pipe.	May 4	Aug. 26	J-108	258
725065	Apr. 14, 1903	Machine for making prolines	May 4	Aug. 26	J-108	164
725237	Apr. 14, 1903	Machine for molding blocks or tablets of chocolate.	May 4	Aug. 26	J-108	164
829581	Aug. 28, 1906	Metal bar-links and bands, etc., formed of them.	May 4	Aug. 26	J-108	162
1001834	Aug. 29, 1911	Liquid applying and polishing device.	May 4	Aug. 26	J-108	168
1024886	Apr. 30, 1912	Meter	May 4	Aug. 26	J-108	159
1032285	July 9, 1912	Centrifugal machine	May 4	Aug. 26	J-108	195
930966	Aug. 10, 1909	Centrifugal apparatus for separating purposes.	May 4	Aug. 26	J-108	195
781145	Jan. 31, 1905	Apparatus for drying woven goods	May 4	Aug. 26	J-108	193
1031543	July 2, 1912	Machine for pressing liquids from materials containing the same.	May 4	Aug. 26	J-108	160
			1919	1919		
1227836	May 29, 1917	Single acting, condensing, continuous current steam engine.	July 28	Sept. 22	G-108	398
			1920	1920		
1124907	Jan. 12, 1915	Centrifugal machine for separating solid substances from liquid.	May 4	Aug. 26	J-108	194
1232098	July 3, 1917	Leaching out hops	May 4	Aug. 26	J-108	287
992811	May 23, 1911	Apparatus for clearing and filtering waste water.	May 4	Aug. 26	J-108	285
848210	Mar. 26, 1907	Treating citron peel	May 4	Aug. 26	J-108	283
924503	June 8, 1909	Cylindrical positive electrode	May 4	June 11	J-108	121
1009794	Nov. 28, 1911	Film pack	May 4	Aug. 26	J-108	273
723736	Mar. 24, 1903	Color-printing machine	May 4	Aug. 26	J-108	278
1125916	Jan. 19, 1915	Briqueting press	May 4	Aug. 26	J-108	286
1132527	Mar. 16, 1915	Briquet	May 4	Aug. 26	J-108	286
933853	June 8, 1909	Stropping device	May 4	Aug. 26	J-108	269
976893	Nov. 29, 1910	Concentrating apparatus	May 4	Aug. 26	J-108	220
774788	Nov. 15, 1904	Charging apparatus for blast furnaces.	May 4	Aug. 26	J-108	290
921547	May 11, 1909	Blade-attaching means	May 4	Aug. 26	J-108	200
920584	May 4, 1909	Apparatus for purifying air	May 4	Aug. 26	J-108	209
1018734	Feb. 27, 1912	Treating tin-bearing material	May 4	Aug. 26	J-108	323
1102841	July 7, 1914	Apparatus for making hollow bricks which are closed on all sides.	May 4	Aug. 26	J-108	322
1095764	May 5, 1914	Molding apparatus	May 4	Aug. 26	J-108	318
874270	Dec. 17, 1907	Chopping and extracting apparatus.	May 4	Aug. 26	J-108	311
918201	Apr. 13, 1909	Apparatus for the production of flame-extinguishing gases.	May 4	Aug. 26	J-108	289
1149895	Aug. 10, 1915	Apparatus for manufacturing striped linoleum on a calender.	May 4	Aug. 26	J-108	132
818695	Apr. 24, 1906	Vessels for packing and storing washing powders containing alkaline peroxide.	May 4	Aug. 26	J-108	305
910002	Jan. 19, 1909	Apparatus for testing paper pulp	May 4	Aug. 26	J-108	207
873785	Dec. 17, 1907	Apparatus for deodorizing the exhaust gases of motors.	May 4	Aug. 26	J-108	249
1076786	Oct. 28, 1913	Preserving plant leaves, flowers, butterflies, and the like.	May 4	Aug. 26	J-108	254
1155712	Oct. 5, 1915	Mixing and kneading machine for earthy and mineral materials.	May 4	Aug. 26	J-108	157
797511	Aug. 15, 1905	Process of preventing and extinguishing fires in petroleum, etc.	May 4	Aug. 26	J-108	167
798908	Sept. 5, 1905	Apparatus for carrying out bacterial purification of sewage or drain water.	May 4	Aug. 26	J-108	199
831031	Sept. 18, 1906	Producing solid drawn tubes	May 4	Aug. 26	J-108	134

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			1920.	1920.		
929421	July 27, 1909	Method and device for preparing metal leaves for raised-printing impressions or for other purposes.	May 4	Aug. 26	J-108	165
1144780	June 29, 1915	Crude-oil preheater	May 4	Aug. 26	J-108	245
973768	Oct 25, 1910	Method of making tobacco supple.	May 4	Aug. 26	J-108	156
825115	July 3, 1906	Closure and process of making same	May 4	Aug. 26	J-108	155
825116	July 3, 1906	Process of closing or sealing apertures.	May 4	Aug. 26	J-108	155
752389	Feb. 16, 1904	System of feeding slow-burning stoves.	May 4	Aug. 26	J-108	151
1313367	Aug. 19, 1919	Boring tool	May 4	Aug. 26	J-108	142
			1919	1919		
1209102	Dec. 19, 1916	Apparatus for determining deviation of bore holes from the vertical.	July 28	Sept. 22	G-108	193
			1920	1920		
1171382	Feb. 8, 1916	Nozzle of presses for molding plastic materials.	May 4	Aug. 26	J-108	134
1178325	Apr. 4, 1916	Heating and cooking liquids, solid substances, and mixtures of liquids and solid substances.	May 4	Aug. 26	J-108	213
922553	May 25, 1909	Indicator for continuously registering the mean working pressure.	May 4	Aug. 26	J-108	145
927207	July 6, 1909	Indicator	May 4	Aug. 26	J-108	145
			1919	1919		
981152	Jan. 10, 1911	Device for indicating the useful pressure in engines.	July 28	Sept. 22	G-108	194
			1920	1920		
984732	Feb. 21, 1911	Engine indicator	May 4	Aug. 26	J-108	145
1063946	June 10, 1913	Apparatus for testing air or other gases.	May 4	Aug. 26	J-108	145
1065652	June 24, 1913	Testing apparatus for air and other gases.	May 4	Aug. 26	J-108	145
			1919	1919		
720361	Feb. 10, 1903	Method of regenerating platinum contact substances.	July 28	Oct. 3	H-108	369
726076	Apr. 21, 1903	Process of making sulphuric anhydrid.	July 11	Aug. 8	C-108	334
			1920	1920		
1051366	Jan. 21, 1913	Muffle kiln	May 4	Aug. 26	J-108	153
1162353	Nov. 30, 1915	Pot press especially adapted for the extraction of cacao butter or cacao oil.	May 4	Aug. 26	J-108	181
945389	Jan. 4, 1910	Sphygmomanometer	May 4	Aug. 26	J-108	180
889955	Mar. 3, 1908	Apparatus for cleansing corks	May 4	Aug. 26	J-108	143
812204	Feb. 13, 1906	Manufacturing photographic papers	May 4	Aug. 26	J-108	176
828652	Aug. 14, 1906	Making photographic papers	May 4	Aug. 26	J-108	176
832790	Oct. 9, 1906	Machine for beating leaf metal	May 4	Aug. 26	J-108	192
896912	Aug. 25, 1908	Gasification of raw combustible materials.	May 4	Aug. 26	J-108	191
974393	Nov. 1, 1910	Treating cacao seeds to separate unripe from ripe seeds.	May 4	Aug. 26	J-108	197
897039	Aug. 25, 1908	Purifying and filtering water	May 4	Aug. 26	J-108	303
878528	Feb. 11, 1908	Rotary pump for gases	May 4	Aug. 26	J-108	185
733083	July 7, 1903	Apparatus for pouring out liquids.	May 4	Aug. 26	J-108	267
895654	Aug. 11, 1908	Apparatus for the production of a gaseous or vaporous fluid mixture	May 4	Aug. 26	J-108	229
781348	Jan. 31, 1905	Revolving strainer	May 4	Aug. 26	J-108	232
831407	Sept. 18, 1906	Machine for cleaning textile fibers.	May 4	Aug. 26	J-108	136
778510	Dec. 27, 1904	Apparatus for reducing bronze to powder.	May 4	Aug. 26	J-108	270
808766	Jan. 2, 1906	Joint for sheet metal and the like	May 4	Aug. 26	J-108	214
995575	June 20, 1911	Leather-working machine	May 4	Aug. 26	J-108	261
771088	Sept. 27, 1904	X-ray tube	May 4	Aug. 26	J-108	233
772666	Oct. 18, 1904	Roentgen tube	May 4	Aug. 26	J-108	233
772667	Oct. 18, 1904	X-ray tube	May 4	Aug. 26	J-108	233

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			1920.	1920.		
806413	Dec. 5, 1905	Electrode for electrolyses used in the manufacture of bleaching liquors.	May 4	Aug. 26	J-108	212
832983	Oct. 9, 1906	Electrode for use in the manufacture of bleaching liquor.	May 4	Aug. 26	J-108	212
			1919	1919		
1172568	Feb. 22, 1916	Method of an apparatus for securing constancy in the light of vacuum tubes.	July 28	Oct. 11	J-108	39
			1920	1920		
881842	Mar. 10, 1908	Nozzle for the supply of liquid or gaseous fuel to furnaces.	May 4	Aug. 26	J-108	135
1006776	Oct. 24, 1911	Machine for making fringes	May 4	Aug. 26	J-108	236
973455	Oct. 18, 1910	Safety lock	May 4	Aug. 26	J-108	222
905402	Dec. 1, 1908	Removing carbon from metallic filaments.	May 4	Aug. 26	J-108	306
936403	Oct. 12, 1909	Making filaments for electric incandescent lamps.	May 4	Aug. 26	J-108	306
930723	Aug. 10, 1909	Forming electric - incandescent lamp filaments.	May 4	Aug. 26	J-108	306
746975	Dec. 15, 1903	Film and plate camera	May 4	June 11	J-108	118
1064773	June 17, 1913	Draining and utilising slime	May 4	June 11	J-108	120
1088297	Feb. 24, 1914	Machine for grinding slabs	May 4	Aug. 26	J-108	253
977132	Nov. 29, 1910	Machine for preparing hides and skins of every description.	May 4	Aug. 26	J-108	248
949661	Feb. 15, 1910	Sterilising apparatus	May 4	Aug. 26	J-108	251
1172528	Feb. 22, 1916	Improving water for brewing and malting purposes.	May 4	Aug. 26	J-108	196
1059430	Apr. 22, 1913	Apparatus for preventing the formation of boiler scale.	May 4	Aug. 26	J-108	125
823287	June 12, 1906	Apparatus for delivering acid and alkaline liquids in measured quantities.	May 4	Aug. 26	J-108	226
			1919	1919		
1100694	June 16, 1914	Producing and maintaining a high vacuum.	July 28	Aug. 25	D-108	258
			1920	1920		
945567	Jan. 4, 1910	Roasted sulfurised grain	May 4	Aug. 26	J-108	224
1059553	Apr. 22, 1913	Weighing apparatus for liquids	May 4	Aug. 26	J-108	231
917882	Apr. 13, 1909	Automatic weighing apparatus	May 4	Aug. 26	J-108	235
921428	May 11, 1909	Regulating valve for liquid-weighing machines.	May 4	Aug. 26	J-108	235
1125027	Jan. 12, 1915	Heater	May 4	Aug. 26	J-108	238
1221469	Apr. 3, 1917	Rock machine drill for operating with flushing water.	May 4	Aug. 26	J-108	219
			1919	1919		
1221469	Apr. 3, 1917	Rock machine drill for operating with flushing water.	July 28	Sept. 22	G-108	318
			1920	1920		
1016093	Jan. 30, 1912	Process for corrugating cardboard.	May 4	Aug. 26	J-108	250
1314642	Sept. 2, 1919	Process for the manufacture of catalysing agents of particular efficiency.	May 4	Aug. 26	J-108	168
			1919	1919		
1152848	Sept. 7, 1915	Plant for cooling, removing scale from chalking and drying wire delivered by finishing rolls.	July 22	July 31	C-108	58
905598	Dec. 1, 1908	Gas engine	July 21	July 31	C-108	84
793237	June 27, 1905	Copying plastic objects	July 22	July 31	C-108	51
1126877	Feb. 2, 1915	Vapor alternating-current rectifier and similar apparatus.	July 28	Aug. 25	D-108	430
771669	Oct. 4 1904	Cold process of simultaneously cutting out and stamping polished wooden articles.	July 28	Oct. 11	J-108	20
892241	June 30, 1908	Electrically detecting dangerous gases and apparatus therefor.	July 28	Sept. 19	G-108	24

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			1919.	1919.		
939321	May 31, 1910	Electrolytic apparatus with liquid anode.	July 28	Sept. 18	F-108	302
817640	Apr. 10, 1906	Automatic gas igniter	July 28	Sept. 8	E-108	414
781338	Jan. 31, 1905	Uniting the two components of thermo-electric couple.	July 28	Oct. 3	H-108	363
808086	Dec. 26, 1905	Thermo-electric battery	July 28	Sept. 18	F-108	303
888480	May 26, 1908	Bronzing machine	July 28	Sept. 22	G-108	238
903184	Nov. 10, 1908	Gas-retort feeding machine	July 28	Aug. 25	D-108	69
906812	Dec. 15, 1908	Gas producer	July 18	July 31	B-108	264
822270	June 5, 1906	Electrically heated hollow body	July 28	Aug. 25	C-108	487
875813	Jan. 7, 1908	Gas generator	July 21	July 31	B-108	50
807553	Dec. 19, 1905	Process for the treatment of wicks for increasing their inflammability.	July 28	Oct. 2	H-108	160
1237222	Aug. 14, 1917	Arrangement for homogenising liquids.	July 28	Sept. 22	G-108	380
780670	Jan. 24, 1905	Method of and apparatus for applying solutions or fluids to traveling webs.	July 28	Aug. 25	D-108	152
846657	Mar. 12, 1907	Extracting copper	July 28	Aug. 25	D-108	109
832322	Oct. 2, 1906	Impregnating roasted coffee	July 28	Aug. 25	D-108	135
1130588	Mar. 2, 1915	Fruit and vegetable dust and making same.	July 28	Sept. 19	G-108	27
1187282	June 13, 1916	Arc-lamp electrode	July 28	Oct. 3	H-108	323
874667	Dec. 24, 1907	Apparatus for measuring the supply of steam from a boiler.	July 28	Aug. 25	C-108	418
909172	Jan. 12, 1909	Process of preserving meat	July 28	Sept. 8	E-108	339
1099595	June 9, 1914	Process of and apparatus for heating.	July 28	Aug. 25	D-108	104
1117618	Nov. 17, 1914	Surgical appliance	July 28	Aug. 25	C-108	372
1014690	Jan. 16 1912	Butter flavoring	July 28	Aug. 25	D-108	27
1178858	Apr. 11, 1916	Obtaining gases for heating purposes.	July 11	Aug. 8	C-108	333
795943	Aug. 1, 1905	Moistening cloth for copying writings.	July 28	Sept. 19	G-108	126
980802	Jan. 3, 1911	Manufacture of incandescent gas mantle.	July 15	July 31	B-108	184
848622	Apr. 2, 1907	Gas generator	July 11	Aug 8	C-108	252
977607	Dec. 6, 1910	Arc-lamp electrode	July 28	Aug. 25	D-108	58
994447	June 6, 1911	Electric radiatory stove	July 28	Oct. 7	I-108	222
1012617	Dec. 26, 1911	Electric radiator	July 28	Sept. 8	E-108	333
1103353	July 14, 1914	Electric heater	July 28	Oct. 7	I-108	222
1132313	Mar. 16, 1915	Flame arc lamp and electrode therefor.	July 28	Sept 19	G-108	11
1221039	Apr. 3, 1917	Flame arc lamp and electrode therefor.	July 28	Sept. 8	E-108	332
902871	Nov. 3, 1908	Thermic mixture	July 28	Aug. 25	C-108	445
895628	Aug. 11, 1908	Manufacturing metals	July 28	Aug. 25	C-108	445
938758	Nov. 2, 1909	Method of manufacturing calcium-silicon alloys, etc.	July 28	Aug. 25	C-108	445
995601	June 20, 1911	Gasometer	July 18	July 31	B-108	435
774801	Nov. 15, 1904	Lens stereoscope	July 28	Oct. 3	H-108	470
1000346	Aug. 8, 1911	Magnifying spectacle glass	July 28	Aug. 25	E-108	172
1028281	June 4, 1912	Telescope spectacle glass	July 28	Oct. 3	H-108	470
1030128	June 18, 1912	Spectacle glass	July 28	Aug. 25	E-108	172
1143667	June 22, 1915	Optical system	July 28	Aug. 25	E-108	172
818453	Apr. 24, 1906	Machine for cutting up or mitering flanged metal beams or girders.	July 15	July 31	B-108	147
970932	Sept. 20, 1910	Stamping and printing paper webs.	July 28	Aug. 25	D-108	147
1050280	Jan. 14, 1913	Therapeutic belt	July 28	Sept. 22	G-108	290
850397	Apr. 16, 1907	Elastic-fluid turbine	July 28	Oct. 7	I-108	328
874432	Dec. 24, 1907	Turbine	July 28	Oct. 7	I-108	328
1032158	July 9, 1912	Electrode for secondary galvanic cells.	July 28	Sept. 8	F-108	66
1066651	July 8, 1913	Electrode for secondary galvanic cells.	July 28	Sept. 30	H-108	28

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			1919.	1919.		
919805	Apr. 27, 1909	Linotype machine	July 28	Aug. 25	C-108	370
864139	Aug. 20, 1917	Manufacture of alloys	July 28	Sept. 8	F-108	98
862336	Aug. 6, 1907	Color comparator	July 28	Sept. 22	G-108	272
886683	May 5, 1908	Balling together pulverulent or dusty ores.	July 28	Sept. 8	E-108	319
905632	Dec. 1, 1908	Device for admitting gas into vacuum tubes.	July 28	Oct. 6	H-108	495
914233	Mar. 2, 1909	Frost-proof fire-extinguishing liquid	July 28	Aug. 25	D-108	46
1160908	Nov 16, 1915	Process for the production of gas from bituminous fuels in intermittent operation.	July 11	Aug. 8	C-108	333
887058	May 12, 1908	Producing gas	July 11	Aug. 8	C-108	252
912509	Feb. 16. 1909	Manufacturing gas from coal	July 21	July 31	C-108	134
935081	Sept. 28, 1909	Method of deconsolidating loose soils, quicksands, etc.	July 28	Oct. 2	H-108	284
811971	Feb. 6, 1906	Manufacturing milk preparations.	July 28	Aug. 25	D-108	405
1060868	May 6, 1913	Electric resistance furnace	July 28	Sept. 19	G-108	170
1049947	Jan. 7, 1913	Apparatus for destroying refuse	July 28	Oct. 6	I-108	159
1054598	Feb. 25, 1913	Photographic recording apparatus for galvanometers, oscillagraphs, and the like	July 28	Aug. 25	D-108	285
829664	Aug. 28, 1906	Solidfying earthy ground	July 22	July 31	B-108	313
885480	Apr. 21, 1908	Making producer gas	July 15	July 31	B-108	93
819144	May 1, 1906	Wafer-capsul machine	July 28	Oct 6	I-108	90
947971	Feb. 1, 1910	Binocular telescope	July 28	Sept. 8	E-108	468
918752	Apr. 20, 1909	Double telescope	July 22	Oct. 2	Z-108	260
920756	May 4, 1909	Binocular telescope	July 22	Oct. 2	Z-108	260
1000609	Aug. 15, 1911	Telemeter	July 22	Oct. 2	Z-108	260
940166	Nov. 16, 1909	Separating-prism telemeter	July 22	Oct. 2	Z-108	260
942393	Dec. 7, 1909	Angle-measuring appliance	July 28	Sept. 22	G-108	284
1062166	May 20, 1913	Stereoscopic tepemeter	July 22	Oct. 2	Z-108	260
1101081	June 23, 1914	Optical square prism	July 28	Sept. 18	F-108	323
1128154	Feb. 9, 1915	Making foodstuffs, from sulfite cellulose waste liquors.	July 28	Oct. 7	I-108	288
1126300	Jan. 26, 1915	Centrifugal pump, blower, compressor, and the like.	July 28	Sept. 22	G-108	391
762847	June 14, 1904	Storage battery	July 28	Sept. 22	G-108	403
762256	June 7, 1904	Mixture for treating tuberculosis	July 28	Oct. 3	H-108	445
858675	July 2, 1907	Fireproof slab	July 28	Sept. 8	F-108	125
897840	Sept. 1, 1908	Preparation of coffe	July 28	Sept. 19	G-108	93
956775	May 3, 1910	Receptacle for liquide-weighing machines	July 28	Nov. 10	J-108	90
1000618	Aug. 15, 1911	Tripod with hinged legs	July 28	Aug. 25	D-108	257
1083543	Jan. 6, 1914	Adjusting device for pattern-cylinders of printing machines.	July 28	Sept. 8	E-108	478
1086721	Feb. 10, 1914	Color-printing machine	July 28	Sept. 8	E-108	478
849429	Apr. 9, 1907	Apparatus for separating and discharging coke.	July 28	Oct. 7	I-108	345
996804	July 4, 1911	Alarm indicator for boiling purposes	July 28	Sept. 30	H-108	55
728022	May 12, 1903	Device for automatically recording the amount of carbonic acid in products of combustion	July 28	Aug. 25	D-108	482
905504	Dec. 1, 1908	Device for locating a mine distributing fuse.	July 28	Oct. 2	H-108	251
1104723	July 21, 1914	Oil transformer	July 28	Sept. 30	H-108	88
1189096	June 27, 1916	Pumping apparatus	July 22	July 31	B-108	6
1189096	June 27, 1916	Pumping apparatus	June 24	June 28	A-108	220
1066200	July 1, 1913	Process of treating groundnuts and products derived therefrom.	July 28	Aug. 25	D-108	99
857247	June 18, 1907	Apparatus for fusing metals	July 28	Nov. 10	J-108	87
1089805	Mar. 10, 1914	Medical appliance	July 28	Oct. 6	I-108	188
1155024	Sept. 28, 1915	Water-supply system	July 28	Nov. 10	J-108	101
751704	Feb. 9, 1904	Producing paved tracks on macadamised roads or the like.	July 28	Oct. 7	I-108	378
1257561	Feb. 26, 1918	Chambering device for rock drills.	July 28	Aug. 25	E-108	242
878322	Feb. 4, 1908	Cemented lithographic stone	July 18	July 31	C-108	202
983586	Feb. 7, 1911	Conveyor for incandescent materials	July 28	Aug. 25	E-108	250
1029835	June 18, 1912	Lithographic stone	July 28	Sept. 8	F-108	180

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording	Book.	Page.
			1919.	1919.		
1069047	July 29, 1913	Gas lighter	July 28	Sept. 8	F-108	179
874267	Dec. 17, 1907	Means for mounting stone lithographic rollers.	July 28	Oct. 6	I-108	179
883144	Mar. 24, 1908	Color-spraying apparatus	July 28	Sept. 18	F-108	359
863081	Aug. 13, 1907	Manufacture of alimentary products.	July 28	Sept. 19	G-108	88
904886	Nov. 24, 1908	Self-igniting device	July 28	Aug. 25	D-108	281
927374	July 6, 1909	Manufacturing incandescent mantles.	July 28	Sept. 18	F-108	337
931460	Aug. 17, 1909	Gas producer	July 16	July 31	B-108	290
937687	Oct. 19, 1909	Gas producer	July 16	July 31	B-108	290
911745	Feb. 9, 1909	Making albuminous bread	July 28	Sept. 19	C-108	89
1102536	July 7, 1914	Container for storing photographic plates.	July 28	Sept. 19	G-108	91
1060920	Dec. 9, 1913	Manufacture of alimentary products.	July 28	Aug. 25	D-108	282
760361	May 17, 1904	Steadying resistance for arc lamps.	July 28	Oct. 3	H-108	479
770489	Sept. 20, 1904	Electric arc lamp	July 28	Oct. 3	H-108	479
783662	Feb. 28, 1905	Incandescent gaslight lamp	July 28	Aug. 25	E-108	191
921897	May 18, 1909	Automatic cut-off for gas	July 21	July 31	C-108	111
836054	Nov. 13, 1906	Manufacturing gas	July 21	July 31	C-108	44
805235	Nov. 21, 1905	Producer-gas furnace	July 22	July 31	C-108	113
903112	Nov. 3, 1908	Gas producer	July 22	July 31	C-108	114
1108402	Aug. 25, 1914	Use of rawhide	June 17	June 28	A-108	264
970122	Sept. 13, 1910	Automatic gas cut-off	July 21	July 31	C-108	111
748424	Dec. 29, 1903	Hypodermic syringe	July 28	Aug. 25	D-108	456
763513	June 28, 1904	Fireproof ceiling	July 28	Oct. 11	J-108	33
768774	Aug. 30, 1904	Construction of frozen walls for shafts of mines.	July 28	Sept 8	F-108	128
774607	Nov. 8, 1904	Manufacture of objects of papier-mache.	July 28	Oct. 3	H-108	448
898607	Sept. 15, 1908	Illuminating apparatus	July 28	Oct. 3	H-108	452
888006	May 19, 1908	Wall and ceiling covering	July 28	Sept. 22	G-108	230
842012	Jan. 22, 1907	Apparatus for forcing fluids	July 28	Oct. 11	J-108	3
1027154	May 21, 1912	Gas-generating furance	July 18	July 31	B-108	435
1100845	June 23, 1914	Manufacture of grinding apparatus	July 28	Sept. 30	H-108	35
891560	June 23, 1908	Refrigerating apparatus employing carbonic acid.	July 28	Aug. 25	D-108	279
888120	May 19, 1908	Structure made of bricks for reaction-towers, heat-compensation apparatus, and the like.	July 28	Aug. 25	D-108	453

SCHEDULE 16.

The instrument dated December 21, 1920, and recorded in the United States Patent Office on December 21, 1920, in liber Q-112, page 91, of Transfers of Patents, a copy of which instrument is set out in Exhibit H-16 attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
1057174	Mar. 25, 1913	Apparatus for separation of floating matter from effluents.	1919. May 14	1919. May 20	T-107	88
1192569	July 25, 1916	Apparatus for clarifying waste waters.	May 14	May 20	T-107	88

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

Note.—Also seized under date of February 26, 1920. Said seizure recorded under date of March 6, 1920. Liber J-109, page 316

SCHEDULE 17.

The instrument dated December 21, 1920, and recorded in the United States Patent Office on December 21, 1920, in liber W-112, page 21, of Transfers of Patents, a copy of which instrument is set out in Exhibit H-17 attached to this bill of complaint, enumerated certain contract rights growing out of the following contracts:

Between Badische Aniline and Soda Fabrik and Theodore Goldschmidt, assignor to the Goldschmidt Chemical Co., assignor to the Goldschmidt Detinning Co., now the Metal Thermit Corp.

Contract dated March 12, 1907.

Patent (not given).

Title: Manufacture of chlorine.

Date of demand served on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber R-106, page 475, of Transfers of Patents.

Demand served on Metal & Thermit Corporation, 120 Broadway, New York, N. Y.; such service made March 26, 1919.

Between Dr. Frederick Supf and Arabol Manufacturing Company.

Contract not dated but acknowledged October 12, 1908.

Covering patent No. 974448.

Dated November 1, 1910.

Title: Process of liquifying organic colloids.

Demand served on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber Q-106, page 441, of Transfers of Patents.

Demand dated March 22, 1919, served on Arabol Manufacturing Company, 100 William Street, New York, N. Y.; such service made March 26, 1919.

Between Kathreiners Malzkaffee Fabriken m. b. H., and William Rahr, Max Rahr, and Reinhardt Rahr, assignors to Kneipp Malt Food Company.

Contract dated June 26, 1895.

Covering patent (S. N.) 513252.

Title: Kneipp Malt, a coffee substitute.

Date of demand served on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber K-106, page 499, of Transfers of Patents.

Between Rheinische Dampfkessel and Maschinenfabrik Buttner, G. m. b. H., and Stearns-Roger Manufacturing Company.

Contract dated December 20, 1912.

Covering patent No. 1078125.

Dated November 11, 1913.

Title: Cellular Drying Apparatus.

Date of demand served on Commissioner of Patents: March 22, 1919.

Service of demand accepted April 9, 1919.

Recorded April 9, 1919, liber R-106, page 479, of Transfers of Patents.

Demand dated March 22, 1919, served on Stearns-Roger Manufacturing Company, 1720 California St., Denver, Colo.; such service made May 13, 1919.

Between Friederick Grosche and Becton Dickinson & Company.

Contract dated June 1, 1912.

Covering patent No. 823859.

Dated June 19, 1906.

Title: Apparatus for shaking thermometers.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber U-106, page 384, of Transfers of Patents.

Demand dated March 22, 1919, served on Becton Dickinson & Company, Rutherford, N. J.; such service made April 16, 1919.

Between F. H. Kindel, agent for Coln-Musener-Berwegs Aktienverein and Burdette Manufacturing Company, assignor to the Oxygen Protective Association.

Contract dated January 18, 1916.

Covering patent No. 703940.

Dated July 1, 1902.

Title: Process of fusion of metals.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber N-106, page 496, of Transfers of Patents.

Demand dated ———, served on Oxygen Protective Association, c/o F. L. Horton, Packers & Exchange Ave., Chicago, Ill.; such service made——.

Between Chemische Fabrik Rhenia and Schoellkopf Hartford & Hanna Company, assignor to the Contact Process Company.

Contract dated May 26, 1902.

Patent (not given).

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber R-106, page 473, of Transfers of Patents.

Demand dated March 22, 1919, served on Contact Process Company, Buffalo, New York; such service made April 12, 1919.

Between Leon Lilienfeld and Eastman Kodak Company.

Contract dated August 5, 1912.

Covering the following patents:

Patent No.	Date of issue.	Title.
1188376	June 20, 1916	Alkyl ethers of cellulose, process of making same.
1217027	Feb. 20, 1917	Film and process of producing same.

Date of demand on Commissioner of Patents: March 22, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber N-106, page 488, of Transfers of Patents.

Demand dated March 22, 1919, served on Eastman Kodak Company, Rochester, N. Y.; such service made April 19, 1919.

Between Schulke & Mayr Aktiengesellschaft and Lehn & Fink, Inc.

Contract dated February 5, 1914.

Covering trade-marks 53937 and 53938.

Dated June 12, 1906.

Title: Lysol.

Date of demand on Commissioner of Patents: March 24, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber Q-106, page 440, of Transfers of Patents.

Demand dated March 24, 1919, served on Lehn & Fink, Inc., 120 William Street, New York, N. Y.; such service made March 24, 1919.

Between Oskar Zahn, doing business as Oskar Zahn Buro and the Deutsche Ton- und Steinzeug-Werke A. G., and General Ceramics Company.

Contract dated July 26, 1913.

Covering patent No. 1099451.

Dated June 9, 1914.

Title: Process for the continuous production of dry hydrochloric acid and potassium bisulfate from potassium chlorid and sulfuric acid.

Date of demand on Commissioner of Patents: February 11, 1919.

Service accepted February 20, 1919.

Recorded February 20, 1919, liber Q-106, page 172, of Transfers of Patents.

Demand dated February 11, 1919, served on General Ceramics Co., Inc., 50 Church Street, New York City; such service made February 25, 1919.

Between Oskar Zahn and the Deutsche Ton- und Steinzeug-Werke A. G., and General Ceramics Company, Inc.

Contract dated May 10, 1913.

Covering patents 936844 and 1124380.

Dated October 12, 1909, and January 12, 1915.

Title: Plant for heating the gas and air for combustion in gas furnaces. Muffle furnaces for enameling.

Date of demand on Commissioner of Patents: February 11, 1919.

Service accepted February 20, 1919.

Recorded February 20, 1919, liber I-106, page 157, of Transfers of Patents.

Demand dated February 11, 1919, served on General Ceramics Company, Inc., 50 Church St., New York City; such service made February 25, 1919.

Demand dated February 11, 1919, served on E. Croyden Marks, Esq., 220 Broadway, New York City; such service made February 24, 1919.

Between Chemische Fabrik Helfenberg and Reinschild Chemical Company.

Contract dated December 28, 1905.

Covering patents 896807 and 943163.

Title: Agar-agar cascara.

Date of demand on Commissioner of Patents; March 24, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber Z-106, page 356, of Transfers of Patents.

Demand dated March 22, 1919, served on Reinschild Chemical Company, 47 Barclay St., New York, N. Y.; such service made April 4, 1919.

Between Huelsberg & Company, m. b. H., and Atchison, Topeka and Santa Fe Railway Company.

Contract dated January 16, 1905.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919.

Recorded April 9, 1919, liber J-106, page 447, of Transfers of Patents.

Demand dated ——— served on Atchison, Topeka & Santa Fe Railway Co., Topeka, Kansas; such service made April 23, 1919.

Between Huelsberg & Cie., m. b. H., and St. Helens Creosoting Company.

Contract dated October 24, 1913.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 438, of Transfers of Patents.

Demand dated ———, 1919, served on St. Helens Creosoting Co., 912 Yeon Building, Portland, Oregon; such service made April 18, 1919.

Between Huelsberg & Cie., m. b. H., and the Continental Tie and Lumber Company.

Contract Dated February 19, 1913.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 20, of Transfers of Patents.

Between Huelsberg & Cie., m. b. H., and Kettle River Company.

Contract dated January 17, 1912.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Demand served on commissioner under date of April 8, 1919.

Service accepted April 9, 1919, F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 434, of Transfers of Patents.

Demand dated May 19, 1919, served on Kettle River Company, Minneapolis, Minnesota; such service made May 21, 1919.

Between Huelsberg & Cie., m. b. H., and Atlantic Coast Line Railroad Company.

Contract dated November 28, 1913.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 9, of Transfers of Patents.

Demand dated ———, 1919, served on Atlantic Coast Line Railroad Co., Wilmington, North Carolina; such service made April 19, 1919.

Between Huelsberg & Cie., m. b. H., and Southern Wood Preserving Company.

Contract dated January 14, 1915.

Patents re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02 and 11-14-11.
Title: Method of impregnating wood.
Date of demand on Commissioner of Patents: April 8, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber J-106, page 443, of Transfers of Patents.
Demand dated ———, 1919, served on Southern Wood Preserving Co., of Atlanta, Georgia; such service made April 14, 1919.

Between Huelsberg & Cie., m. b. H., and The Gulf Creosoting Company.
Contract dated May 19, 1908.
Patents re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02 and 11-14-11.
Title: Method of impregnating wood.
Date of demand on Commissioner of Patents: April 8, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber Y-106, page 431, of Transfers of Patents.
Demand dated ———, 1919, served on Gulf Creosoting Co., Gulfport, Mississippi; such service made April 14, 1919.

Between Huelsberg & Cie., m. b. H., and Central Creosoting Co.
Contract dated April 23, 1917.
Patents re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02 and 11-14-11.
Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 15, of Transfers of Patents.

Demand dated ———, 1919, served on Central Creosoting Co., Chicago, Illinois; such service made April 12, 1919.

Between Huelsberg & Cie., m. b. H., and American Creosote Works, Inc., and American Creosote Works, Ltd.

Contract dated July 16, 1909.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 446, of Transfers of Patents.

Demand dated ———, 1919, served on American Creosote Works, Inc., and American Creosote Works, Ltd., Station B, New Orleans, La.; such service made April 16, 1919.

Between Huelsberg & Cie., m. b. H., and Joseph B. Card.

Contract dated May 3, 1917.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 13, of Transfers of Patents.

Demand dated ———, 1919, served on Joseph B. Card, 111 West Washington St., Chicago, Ill.; such service made April 23, 1919.

Between Huelsberg & Cie., m. b. H., and Lembcke von Bernuth Company, Inc.

Contract dated October 6, 1911,

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 436, of Transfers of Patents.

Between Huelsberg & Cie., m. b. H., and The American Creosoting Company of New Jersey.

Contract dated (no contract). (See letter R. 16713.)

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 444, of Transfers of Patents.

Demand dated ———, 1919, served on the American Creosoting Company, of N. J., 17 Battery Place, New York, New York; such service made April 11, 1919.

Between Huelsberg & Cie., m. b. H., and El Paso & Southwestern Company.

Contract dated August 15, 1910.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Y-106, page 430, of Transfers of Patents.

Demand dated ———, 1919, served on El Paso & Southwestern Co., 99 John St., New York, N. Y.; such service made ———, 1919.

Between Huelsberg & Cie., m. b. H., and Santa Fe Tie & Lumber Preserving Company.

Contract dated January 16, 1905.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 441, of Transfers of Patents.

Demand dated ———, 1919, served on Santa Fe Tie & Lumber Preserving Co., Galveston, Texas; such service made April 25, 1919.

Between Huelsberg & Cie., m. b. H., and Ohio Wood Preserving Company.

Contract (not dated).

Patents re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by R. F. Whitehead, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 442, of Transfers of Patents.

Between Huelsberg & Cie., m. b. H., and Southern Creosoting Company, Ltd.

Contract dated June 25, 1914.

Patents re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 9, 1919

Service accepted April 9, 1919, by R. F. Whitehead, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 440, of Transfers of Patents.

Demand dated ——, 1919, served on Southern Creosoting Company, Limited, Slidell, Louisiana; such service made May 12, 1919.

Between Huelsberg & Cie., m. b. H., and Pacific Creosoting Co.

Contract dated January 28, 1914.

Patents re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 445, of Transfers of Patents.

Demand dated ———, 1919, served on Pacific Creosoting Co., 204 Northern Life Bldg., Seattle, Washington; such service made April 15, 1919.

Between Huelsberg & Cie., m. b. H., and Philadelphia & Reading Railway Company.

Contract dated December 18, 1912.

Patents re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents; April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 435, of Transfers of Patents.

Demand dated ———, 1919, served on Philadelphia & Reading Ry. Co., Philadelphia, Pennsylvania; such service made ———, 17, 1919.

Between Huelsberg & Cie., m. b. H., and Charlotte Harbor and Northern Railway.

Contract dated July 1, 1913.

Patents re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 17, of Transfers of Patents.

Demand dated ———, 1919, served on Charlotte Harbor & Northern Ry., Boca Grande, Florida; such service made May 14, 1919.

Between Huelsberg & Cie., m. b. H., and Pennsylvania Railroad Company.

Contract dated March 30, 1911.

Patents re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106, page 446, of Transfers of Patents.

Demand dated ———, 1919, served on The Pennsylvania Railroad Company, Philadelphia, Pa.; such service made April 16, 1919.

Between Huelsberg & Cie., m. b. H., and Boston Elevated Railway Company.

Contract dated December 27, 1915.

Patents re. 12707, 709799 and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 12, of Transfers of Patents.

Demand dated ———, 1919, served on Boston Elevated Railway Company, Boston, Massachusetts; such service made April 15, 1919.

Between Huelsberg & Cie., m. b. H., and Jennison-Wright Company.

Contract dated June 21, 1913.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Y-106, page 433, of Transfers of Patents.

Demand dated ———, 1919, served on Jennison-Wright Company, Toledo, Ohio; such service made April 15, 1919.

Between Huelsberg & Cie., m. b. H., and Pittsburgh Wood Preserving Company.

Contract dated September 22, 1910.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber J-106, page 437, of Transfers of Patents.

Between Huelsberg & Cie., m. b. H., and Central of Georgia Railway Company.

Contract dated April 15, 1912.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 16, of Transfers of Patents.

Demand dated April 19, 1919, served on Central of Georgia Railway Company, Savannah, Georgia; such service made April 21, 1919.

Between Huelsberg & Cie., m. b. H., and National Lumber & Creosoting Company.

Contract dated —— day of ———, 1910.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber S-106 page 443, of Transfers of Patents.

Demand dated April 17, 1919, served on National Lumber & Creosoting Co., Texarkana, Arkansas; such service made April 17, 1919.

Between Huelsberg & Cie., m. b. H., and Missouri, Kansas & Texas Ry. Company.

Contract dated June 16, 1906.
Patents re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02 and 11-14-11.
Title: Method of impregnating wood.
Date of demand served on Commissioner of Patents: April 8, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber S-106, page 439, of Transfers of Patents.

Between Huelsberg & Cie., m. b. H., and Michigan Wood Preserving Company.
Contract (not dated). (See letter in R-150.)
Patents re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02 and 11-14-11.
Title: Method of impregnating wood.
Date of demand served on Commissioner of Patents: April 8, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber S-106, page 437, of Transfers of Patents.

Between Huelsberg & Cie., m. b. H., and St. Paul & Tacoma Lumber Company.
Contract (none of record).
Patents re. 12707, 709799, and 1008864.
Dated 10-22-07, 9-23-02 and 11-14-11.
Title: Method of impregnating wood.
Date of demand served on Commissioner of Patents: April 8, 1919.
Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.
Recorded April 9, 1919, liber J-106, page 440, of Transfers of Patents.

Demand dated ———, 1919, served on St. Paul & Tacoma Lumber Company, Tacoma, Washington; such service made April 19, 1919.

Between Huelsberg & Cie., m. b. H., and Ayer & Lord Tie Company.

Contract dated April 19, 1907.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 10, of Transfers of Patents.

Demand dated ———, 1919, served on Ayer & Lord Tie Company, Chicago, Illinois; such service made April 14, 1919.

Between Huelsberg & Cie., m. b. H., and Compressed Wood Preserving Company.

Contract dated March 10, 1916.

Patents re. 12707, 709799, and 1008864.

Dated 10-22-07, 9-23-02 and 11-14-11.

Title: Method of impregnating wood.

Date of demand served on Commissioner of Patents: April 8, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber E-107, page 19, of Transfers of Patents.

Demand dated ———, 1919, served on Compressed Wood Preserving Company, Cincinnati, Ohio; such service made April 16, 1919.

Between Erzroest Gesellschaft, m. b. H., and Granby Mining & Smelting Company.

Contract dated January 19, 1916.

Covering patent 979349.

Dated 12-20-10.

Title: Improvements in furnaces for roasting ores.

Date of demand served on Commissioner of Patents: April 7, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Z-106, page 354, of Transfers of Patents.

Between Erzroest Gesellschaft, m. b. H., and The National Zinc Company.

Contract dated October 21, 1915.

Patent 979349.

Dated 12-20-10.

Title: Improvements in furnaces for roasting ores.

Date of demand served on Commissioner of Patents: April 7, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Z-106, page 352, of Transfers of Patents.

Between Erzroest Gesellschaft, m. b. H., and The Grasselli Chemical Company.

Contract dated February 27, 1914.

Covering patent 979349.

Dated 12-20-10.

Title: Improvements in furnaces for roasting ores.

Date of demand served on Commissioner of Patents: April 7, 1919.

Service accepted April 9, 1919, by F. W. H. Clay, Acting Commissioner of Patents.

Recorded April 9, 1919, liber Z-106, page 350, of Transfers of Patents.

Between C. H. Borrmann and General Ceramics Company, Inc.

Contract dated May 24, 1913.

Covering patents 881806 and 1151801.

Dated 3-10-08 and 8-31-15.

Titles: Process of removing chlorin from raw bromin. Apparatus for separating liquid mixtures into two components.

Date of demand served on Commissioner of Patents: February 11, 1919.

Service of demand accepted February 20, 1919, by J. T. Newton, Commissioner of Patents.

Recorded February 20, 1919, liber O-106, page 253 of Transfers of Patents.

Demand dated February 11, 1919, served on B. Singer, 233 Broadway, New York City, such service made March 26, 1919.

Demand dated February 11, 1919, served on General Ceramics Company, 50 Church Street, New York City; such service made February 25, 1919.

Between Cerofirm-Gesellschaft, G. m. b. H., and Harry Polasky & O. B. Eisendrath, copartners trading as New Process Gas Mantle Company.

Contract dated April 3, 1914.

Covering patent 1020255.

Dated March 12, 1912.

Title: Manufacture of incandescent bodies for gas lighting.

Date of demand served on Commissioner of Patents: June 21, 1919.

Service accepted June 21, 1919, by J. T. Newton, Commissioner of Patents.

Recorded June 23, 1919, liber T-107, page 209, of Transfers of Patents.

Between firm of E. Merck and Merck and Company.

Contract (verbal).

Trade-marks 32737 and 27388.

Dated 4-18-99 and 12-3-95.

Title: Dionin and sypticin.

Date of demand served on Commissioner of Patents: June 5, 1919.

Service accepted June 25, 1919, by R. F. Whitehead, Acting Commissioner of Patents. Recorded June 25, 1919, liber B-107, page 350, of Transfers of Patents.

Between Alfred Wilm & Heinrich Krautschneider and Electric Boat Company.

Contract dated October 6, 1910.

Covering the following patents:

Patent No.	Date of issue.	Title.
868383	Oct. 8, 1907	Process for improving aluminum by heating and chilling.
995113	June 13, 1911	Aluminum alloy.
1083903	Jan. 6, 1914	Process of improving alloys.
1130785	Mar. 9, 1915	Aluminum alloy.
1261987	Apr. 9, 1918	Method of making aluminum alloy articles.

Date of demand on Commissioner of Patents: April 26, 1919.

Service accepted May 7, 1919, by R. F. Whitehead, Acting Commissioner of Patents.

Recorded May 7, 1919, liber R-107, page 95, of Transfers of Patents.

Demand dated April 26, 1919, served on Electric Boat Company, 11 Pine Street, New York City; such service made May 27, 1919.

SCHEDULE 18.

The instrument dated December 21, 1920, and recorded in the United States Patent Office on December 21, 1920, in liber S-111, page 432 of Transfers of Patents, a copy of which instrument is set out in Exhibit H-18 attached to this bill of complaint, enumerated certain contract rights growing out of the following contracts:

Between Gesellschaft fur Abwasserklarung, m. b. H. and Frieda Loeb.

Contracts dated December —, 1913, and February 17, 1914, covering the following patents:

Patent No.	Date of issue.	Title.
700056	May 13, 1902	Apparatus for the recovery of fats or the like.
751303	Feb. 2, 1904	Apparatus for the recovery of fats or the like.
823688	June 19, 1906	Apparatus for the recovery of fats and the like from waste.
839396	Dec. 25, 1906	Apparatus for the separation of solid matters from sewage, etc.
975081	Nov. 8, 1910	Apparatus for removing fat from effluents.
1057174	Mar. 25, 1913	Apparatus for separating floating matter from effluents.
1192569	July 25, 1916	Apparatus for clarifying waste waters.

Date of demand served on Commissioner of Patents: February 12, 1920.

Service accepted March 2, 1920.

Recorded March 2, 1920, liber K-109, page 323, of Transfers of Patents.

Demand dated February 12, 1920, served on The United States Sanitary Effluents Apparatus, Inc., 35 Nassau Street, New York City, and The Ussesa Sales Company, 220 West 42nd Street, New York City; such service made March 3, 1920.

Between Montana Company and Montanin Company.
Contract dated August 26, 1915.
Covering trade-mark No. 66726.
Dated December 24, 1907.
Title: "Montanin."
Demand dated February 12, 1920, served on The Montanin Company, 81 Fulton Street, New York City; such service made March 1, 1920.
The contract covering trade-mark No. 66726 was demanded under report No. 47184, but the trade-mark was demanded of the Commissioner of Patents under report 3822.
Date of demand served on Commissioner of Patents: March 6, 1920.
Service accepted April 14, 1920.
Recorded April 14, 1920, liber O-110, page 52, of Transfers of Patents.

Between Franz Meiser and National Carbon Company.
Contract dated July 31, 1914.
Patent (not given).
Demand dated February 12, 1920, served on The National Carbon Company, Cleveland, Ohio; such service made March 3, 1920.
The records also show that a demand dated January 31, 1918, was served on the National Carbon Company, Inc., P. O. box 400, Cleveland, Ohio; such service made February 28, 1918.
No demand appears to have been served on the Commissioner of Patents.

Between Chemische Fabrik Rhenania and Stallman Company.

Contract dated ———, 1908.

Trade-marks covered by this contract are as follows:

No.	Date registered.	For—
27454	Dec. 10, 1895	Tetrajodphenolphtalein, an antiseptic subetance.
29831	Apr. 13, 1897	Diarrhea and catarrh of the stomach and bowels.
29836	Apr. 13, 1897	A remedy for wounds.

Patents covered by this contract are as follows:

Patents 618167, 618168, and 627981.

Dated 1-24-99, 1-24-99, and 7-4-99.

Titles: Imp. in sodium salt of iodine compound. Imp. in ioding derivatives of phenols and bismuth salts. Imp. in ioding compounds.

Demand dated February 12, 1920, served on the Stallman Company, 229 Pearl Street, New York City, N. Y.; such service made March 16, 1920.

The above patents have not been demanded.

Between Carl W. Rademacher and American Kitchen Products Company.

Contract dated May 10, 1909.

Patent (not given).

Title: "Steero."

Demand dated February 26, 1920, served on the American Kitchen Products Company, 40 Beekman Street, New York City; such service made March 27, 1920.

Between Karl Imhoff and Pacific Flush Tank Company.

Contract dated May 26, 1911.

Patents 924664, 978889, 1053396, 1056548, 1057154.

Dated 6-15-09, 12-10-10, 2-18-13, 3-18-13, and 3-25-13.

Title: Imhoff process and tanks used in disposal of sewage.

Demand dated February 26, 1920, served on the Pacific Flush-Tank Company, 4241 Ravenswood Avenue, Chicago, Ill.; such service made March 1, 1920.

SCHEDULE 19.

The instrument dated February 19, 1921, and recorded in the United States Patent Office on February 23, 1921, in liber Y-112, page 163, a copy of which instrument is set out in Exhibit H-19 attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
			1919.	1919.		
783435	Feb. 28, 1905	Retorts for manufacture of gas	July 21	July 31	B-108	66
793305	June 27, 1905	Gas producers	July 15	July 31	B-108	177
793970	July 4, 1905	Optical pyrometers	July 28	Sept. 8	F-108	183
794037	July 4, 1905	Gas generators	July 17	July 31	B-108	327
801148	Oct. 3, 1905	Double-walled furnace	July 28	Sept. 18	F-108	329
801773	Oct. 10, 1905	Refining milk	July 11	Aug. 8	C-108	303
807149	Dec. 12, 1905	Photographic shutter	June 21	Aug. 8	C-108	262
807728	Dec. 19, 1905	Optical instruments	July 28	Aug. 25	D-108	485
808244	Dec. 26, 1905	Gas producers	July 15	July 31	B-108	177
809322	Jan. 9, 1906	Apparatus for the complete combustion of solid fuel.	July 28	Sept. 19	G-108	110
811219	Jan. 30, 1906	Crucible furnace	July 28	Aug. 25	E-108	71
812845	Feb. 20, 1906	Kinematographic cameras	July 28	Aug. 25	E-108	62
814968	Mar. 13 1906	Nutritive preparations	July 28	Oct. 11	I-108	458
818014	Apr. 17, 1906	Prism telescope casings	July 28	Oct. 11	R-108	305
818939	Apr. 24, 1906	Explosives	Apr. 19	June 6	A-108	165
820954	May 22, 1906	Copper alloys	July 28	Sept. 18	F-108	255
821609	May 29, 1906	Apparatus for pulverizing blast furnace slag.	July 28	Oct. 6	I-108	79
821928	May 29, 1906	Process for making gas	July 28	Aug. 25	E-108	25
823445	June 12, 1906	Manufacturing of imitation silk	July 28	Oct. 2	H-108	217
824268	June 26, 1906	Bunsen burners for liquid hydrocarbons.	July 16	July 31	C-108	148
826791	July 24, 1906	Obtaining high polish on furniture, etc.	July 28	Sept. 18	F-108	336
828107	Aug. 7, 1906	Manufacturing clean edges in enamel ware.	July 28	Aug. 25	C-108	450

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
830225	Sept. 4, 1906	Testing gaseous mixtures	July 28	Oct. 11	R-108	305
833673	Oct. 16, 1906	Means of maintaining heat in gas producers.	July 11	Aug. 8	C-108	299
835213	Nov. 6, 1906	Producing limitation marble on finishing objects.	July 28	Aug. 25	D-108	23
835541	Nov. 13, 1906	Ornamenting oilcloth	July 28	Sept. 8	E-108	484
835888	Nov. 13, 1906	Color-spraying apparatus	July 28	Oct. 7	I-108	315
837394	Dec. 4, 1906	Metallic matrix plates	July 11	Aug. 8	C-108	325
837755	Dec. 4, 1906	Gas producers	July 22	July 31	C-108	137
840378	Jan. 1, 1907	Stereoscopic attachments for photographic cameras.	July 28	Sept. 18	F-108	439
841262	Jan. 15, 1907	Prism telescopes	Apr. 19	June 6	A-108	102
841263	Jan. 15, 1907	Prism telescopes	July 28	Sept. 22	G-108	309
843511	Feb. 12, 1907	Gas retorts	July 22	July 31	B-108	42
844186	Feb. 12, 1907	Telescope with prisms	Apr. 19	June 6	A-108	128
849143	Apr. 2 1907	Devices for moistening color ribbons	July 28	Oct. 7	I-108	306
849409	Apr. 9, 1907	Telescope field glasses and like	July 28	Sept. 22	G-108	309
			Apr. 19	June 6	A-108	102
852616	May 7, 1907	Gypsum-burning kilns	July 28	Aug. 25	D-108	346
855845	June 4, 1907	Gas producer	July 28	Oct. 2	H-108	124
855870	June 4, 1907	Method of waterproof uniting pieces of wood.	July 28	Sept. 22	G-108	427
856137	June 4, 1907	Gas producer	July 28	Aug. 25	E-108	56
858904	July 2, 1907	Manufacturing nitric acid	July 28	Sept. 8	F-108	31
860601	July 16, 1907	Arrangements for the filament for high voltage incandescent electric lamps of high efficiency.	July 28	Aug. 25	C-108	440
860799	July 23, 1907	Methods of manufacturing metals and compositions used therein.	July 28	Aug. 25	C-108	445
862362	Aug. 6, 1907	Camera magasines	July 16	July 31	C-108	206
864140	Aug. 20, 1907	Metallic alloys or compounds	July 28	Sept. 18	F-108	400
873105	Dec. 10, 1907	Double telescope with support	July 22	Oct. 2	Z-108	260
			1920	1920		
873228	Dec. 10, 1907	Telescopes	Apr. 16	June 21	J-108	123
			1919	1919		
874309	Dec. 17, 1907	Generators for water gas	July 28	Aug. 25	E-108	25
880028	Feb. 25, 1908	Telescopes	July 28	Sept. 22	G-108	284
884501	Apr. 14, 1908	Means for measuring degree of explosive of selenium cell.	July 28	Oct. 6	I-108	89
886435	May 5, 1908	Binocular telescope	July 22	Oct. 2	Z-108	260
886436	May 5, 1908	Double telescopes	July 22	Oct. 2	Z-108	260
886628	May 5, 1908	Sighting telescopes	July 28	Oct. 7	I-108	220
889366	June 2, 1908	Furnace	July 28	Sept. 8	E-108	400
890489	June 9, 1908	Gas generators	July 11	Aug. 8	C-108	278
893803	Sept. 15, 1908	Process of generating water gases.	July 28	Sept. 19	G-108	124
899898	Sept. 29, 1908	Filling for reaction chambers, etc.	July 28	Oct. 7	I-108	326
899899	Sept. 29, 1908	Filling material for reaction	July 28	Oct. 7	I-108	326
900955	Oct. 13, 1908	Gas regenerators	July 22	Oct. 2	H-108	204
908279	Dec. 29, 1908	Double telescope	July 22	Oct. 2	Z-108	260
909464	Jan. 12, 1909	Rotary kilns	July 28	Oct. 6	I-108	131
909488	Jan. 12, 1909	Furnace	July 28	Aug. 25	E-108	245
911722	Feb. 9, 1909	Making albuminous bread	July 28	Aug. 25	E-108	84
913274	Feb. 23, 1909	Dyeing machines	July 28	Aug. 25	D-108	83
913274	Feb. 23, 1909	Dyeing machines	July 28	Oct. 2	H-108	126
917132	Apr. 6, 1909	Glass measuring scales	July 28	Aug. 25	D-108	485
917200	Apr. 6, 1909	Electrodes for searchlights	July 28	Sept. 8	F-108	163
921607	May 11, 1909	Alloy of silicon	July 28	Aug. 25	C-108	444
921773	May 18, 1909	Telescope level	July 22	Oct. 2	Z-108	260
922042	May 18, 1909	Furnaces for gasifying coal	July 11	Aug. 8	C-108	343
922679	May 25, 1909	Hinged double telescope	July 22	Oct. 2	Z-108	260
923587	June 1, 1909	Apparatus for raising liquids	July 28	Sept. 30	H-108	59
926061	June 22, 1909	Optical instrument	July 16	July 31	B-108	29
926135	June 29, 1909	Gas-retort furnaces	July 11	Aug. 8	C-108	345
928922	July 27, 1909	Etching	July 28	Oct. 7	I-108	186
928923	July 27, 1909	Etching machines	July 28	Oct. 7	I-108	186
929167	July 27, 1909	Rotary kilns for burning elements	July 28	Aug. 25	D-108	324

No.	Date of issue.	Title	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page
			1919.	1919.		
933804	Sept. 14, 1909	Gas producers	July 28	Oct. 2	H-108	275
937834	Oct. 26, 1909	Binoculars	Apr. 19	June 6	A-108	103
939442	Nov. 9, 1909	Production of voltaix high-current arcs.	July 28	Sept. 18	F-108	382
940329	Nov. 16, 1909	Optical instruments for determining the direction of travel of airships and the like.	July 28	Aug. 25	D-108	156
940329	Nov. 16, 1909	Optical instruments for determining the direction of travel of airships and the like.	Apr. 19	June 6	A-108	78
940894	Nov. 23, 1909	Optical cystoscope systems	July 28	Oct. 11	R-108	305
943284	Dec. 14, 1909	Biscuit coating machines	July 28	Sept. 8	F-108	151
947490	Jan. 25, 1910	Means for regulating illumination of films in kinematographs.	July 28	Sept. 18	F-108	293
949893	Feb. 22, 1910	Electric furnaces	July 28	Aug. 25	E-108	80
953319	Mar. 29, 1910	Mfg. of plastic masses	July 28	Sept. 18	F-108	257
953946	Apr. 5, 1910	Process of rendering bran digestible	July 28	Sept. 18	F-108	270
954099	Apr. 5, 1910	Gas generator	July 28	Aug. 25	E-108	73
955361	Apr. 19, 1910	Means for packing incandescent mantles.	July 28	Sept. 18	F-108	443
956182	Apr. 26, 1910	Double telescopes	July 28	Oct. 11	R-108	305
958752	May 24, 1910	Telescopic tubes	July 28	Oct. 2	H-108	188
959739	May 31, 1910	Prism binoculars	July 28	Oct. 11	R-108	305
961651	June 14, 1910	Method of producing acid and fire-proof bodies.	July 28	Sept. 19	G-108	157
962108	June 21, 1910	Process and apparatus for utilizing the energy of waste gases.	July 28	Aug. 25	E-108	252
962929	June 28, 1910	Hinged double telescope	July 28	Oct 11	R-108	305
964341	July 12, 1910	Methods of utilizing spent fire gases from a furnace for firing other furnaces.	July 21	July 31	C-108	147
964656	July 19, 1910	Furnace	July 28	Aug. 25	D-108	140
968841	Aug. 30, 1910	Making malted food	July 28	Sept. 8	E-108	349
974639	Nov. 1, 1910	Gas generators	July 18	July 31	A-108	398
978354	Dec. 13, 1910	Gas producing ovens	July 18	July 31	B-108	435
981432	Jan. 10, 1911	Electric igniter	Apr. 19	June 6	A-108	80
981708	Jan. 17, 1911	Water gas producers	July 11	Aug. 8	C-108	349
986881	Mar. 14, 1911	Furnace	July 28	Sept. 8	F-108	186
987618	Mar. 21, 1911	Gas generators	July 11	Aug. 8	C-108	306
988279	Mar. 28, 1911	Telescopes	Apr. 19	June 6	A-108	113
989324	Apr. 11, 1911	Art of producing gases in upright retorts.	July 11	Aug. 8	C-108	274
989791	Apr. 18, 1911	Apparatus for insulating	July 28	Sept. 18	F-108	367
991273	May 2, 1911	Processes for producing substitutes for lithographic stones or metal plates.	July 28	Sept 30	G-108	459
993667	May 30, 1911	Optical combination	July 22	Oct. 2	Z-108	260
994962	June 13, 1911	Optical testing appliance	July 22	Oct. 2	Z-108	260
995956	June 20, 1911	Apparatus for preparing coffee substitute.	July 28	Sept. 8	E-108	371
998113	July 18, 1911	Method of producing cocoa powder.	July 28	Sept. 8	F-108	29
1000200	Aug. 8, 1911	Boxes for packing mantles for incandescent gas lighting.	July 28	Sept. 18	F-108	443
1002453	Sept. 5, 1911	Process of briqueting and pressing material.	July 28	Aug. 25	D-108	368
1005539	Oct. 10, 1911	Meat powder	July 28	Oct. 7	I-108	232
1006699	Oct. 24, 1911	Sighting telescopes	July 28	Sept. 18	F-108	408
1007908	Nov. 7, 1911	Processes of preserving meat	July 28	Sept. 22	F-108	500
1010103	Nov 28 1911	Processes of providing bread and other valued articles with a protective covering.	July 28	Oct. 6	I-108	170
1013717	Jan. 2, 1912	Etching machs	July 28	Oct. 7	I-108	196
1013791	Jan. 2, 1912	Making hydrogen peroxid from impure persulfuric acid solutions.	July 22	July 31	B-108	241
1028572	June 4, 1912	Furnace	July 28	Aug 25	E-108	153
1028669	June 4, 1912	Process preserving or cooking fruits and vegetables.	July 28	Aug. 25	D-108	48
1032011	July 9, 1912	Telescope carriers	July 28	Sept. 8	F-108	8

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
1032615	July 16, 1912	Flash light apparatus	1919. July 21	1919. July 31	B-108	213
1034804	Aug. 6, 1912	Lookout telescopes	July 28	Oct. 11	R-108	305
1036254	Aug. 20, 1912	Process of preserving hams	July 22	July 31	B-108	102
1036255	Aug. 20, 1912	Process of preserving hams	July 22	July 31	B-108	102
1037480	Sept. 3, 1912	Charging devices for furnaces or gas generators.	July 28	Oct. 7	I-108	262
1037481	Sept. 3, 1912	Gas generators	July 28	Sept. 8	E-108	430
1037505	Sept. 3, 1912	Binocular telescopes	Apr. 19	June 6	A-108	111
1037505	Sept. 3, 1912	Binocular telescopes	July 28	Sept. 8	F-108	16
1041058	Oct. 15, 1912	Methods of making hot producer gas.	July 21	July 31	A-108	472
1042411	Oct. 29, 1912	Welding apparatus	July 21	July 31	A-108	429
1044758	Nov. 19, 1912	Mfg. porous chocolate	July 28	Sept. 18	F-108	261
1045178	Nov. 26, 1912	Preserving perishable goods	July 28	Sept. 30	H-108	29
1045490	Nov. 26, 1912	Procs. of separating germs of germs and hulls from corn pro.	July 28	Aug. 25	E-108	185
1047881	Dec. 17, 1912	Regenerative devices for Roentgen tubes.	July 28	Oct. 6	H-108	495
1049013	Dec. 31, 1912	Procs. of treating the anodemud resulting from electrolytic refining.	July 28	Aug. 25	E-108	243
1059488	Apr. 22, 1913	App. for prod. X-ray, kinematographic pictures.	July 28	Aug. 25	D-108	363
1059787	Apr. 22, 1913	Process for destroying refuse	July 28	Oct. 6	I-108	159
1062368	May 20, 1913	Device for closing tablet capsules (milk-testing apparatus).	July 28	Aug. 25	D-108	465
1065081	June 17, 1913	App. for quenching coke	July 28	Sept. 8	F-108	77
1066067	July 1, 1913	Apparatus for the treatment of ammonium sulfate.	July 28	Aug. 25	E-108	170
1067532	July 15, 1913	Double telescopes	July 28	Oct. 2	H-108	188
1071875	Sept. 2, 1913	Gas purifying app	July 28	Aug. 25	D-108	4
1073235	Sept. 16, 1913	Annealing app	July 28	Sept. 30	G-108	487
1073843	Sept. 23, 1913	Illuminating liquefied gas and methods.	July 11	Aug. 8	C-108	255
1074094	Sept. 23, 1913	App. for liquefying gaseous mixtures.	July 28	Sept. 22	G-108	198
1075101	Oct. 7, 1913	Shutter operating mechanism for photographic cameras.	July 28	Aug. 25	E-108	74
1076253	Oct. 21, 1913	Driving and breaking devices for photographic shutters.	July 28	Sept. 30	H-108	91
1078807	Nov. 18, 1913	Mfg. of meat-like conserves	July 28	Sept. 19	G-108	141
1080471	Dec. 2, 1913	Air gas apparatus	July 18	July 31	B-108	358
1081290	Dec. 16, 1913	Etching processes	July 28	Oct. 7	I-108	185
1083866	Feb. 3, 1914	App. for photographic reproduction of books, writing, and the like.	July 28	Aug. 25	D-108	123
1086382	Feb. 10, 1914	Mfg. easily digestible food from whole grain.	July 28	Sept. 8	F-108	341
1088875	Mar. 3, 1914	Food and procs. producing same	July 28	Aug. 25	C-108	399
1089546	Mar. 10, 1914	Petroleum incandescent lamps	July 28	Sept. 22	G-108	241
1095160	Apr. 28, 1914	Machines for measuring and marking webs of fabrics, papers, etc.	July 28	Aug. 25	E-108	148
1095217	May 5, 1914	Gas generators	July 22	July 31	B-108	183
1095932	May 5, 1914	Prisms	Apr. 19	June 6	A-108	140
1096642	May 12, 1914	Stereoscopic oculars	July 28	Sept. 8	F-108	41
1097141	May 19, 1914	Gas producers	July 15	July 31	B-108	412
1081289	Dec. 16, 1913	Etching machines	July 28	Oct. 7	I-108	185
1097211	May 19, 1914	Illumination apparatus for photographic cameras.	July 28	Sept. 8	E-108	283
1097646	May 26, 1914	Lookout telescopes	July 28	Oct. 11	R-108	305
1102551	July 7, 1914	Mfg. food fats for prop. of pastries, etc.	July 28	Sept. 8	F-108	131
1105895	Aug. 4, 1914	Optical squares	July 28	Sept. 8	E-108	341
1112418	Sept. 29, 1914	Process for the manufacture of optical squares.	July 28	Sept. 8	E-108	341
1112970	Oct. 6, 1914	Apparatus for purifying gases	July 28	Aug. 25	D-108	19
1113021	Oct. 6, 1914	Mfg. food preparations or extracts.	July 28	Aug. 25	D-108	160

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1117594	Nov. 17, 1914	Roasting cocoa and chocolate substances.	July 22	July 31	B-108	336
1119263	Feb. 1, 1914	Tomato preserves and making same.	July 22	July 31	A-108	488
1124777	Jan. 12, 1915	Methods of mfg. stratified fibrous materials.	July 28	Oct. 3	H-108	393
1142755	June 8, 1915	Separating prism system	July 28	Aug. 23	D-108	78
1143663	June 22, 1915	Lighting systems for cinematographs.	July 28	Oct. 11	R-108	305
1154455	Sept. 21, 1915	Methods of producing combustible gases.	July 22	July 31	B-108	484
1162058	Nov. 30, 1915	Optical testing instruments	July 28	Sept. 22	G-108	260
1167998	Nov. 11, 1916	Obtaining metals, such as lead and zinc, in an electric furnace.	July 28	Oct. 7	I-108	247
1170912	Feb. 8, 1916	Lookout telescopes	July 28	Aug. 25	E-108	116
1173570	Feb. 29, 1916	Electrolytic measuring instruments.	July 28	Sept. 8	E-108	420
1174248	Mar. 7, 1916	Making tomato extract	July 28	Sept. 8	E-108	366
1175844	Mar. 14, 1916	Gas producers	July 17	July 31	C-108	159
1175845	Mar. 14, 1916	Automatic working gas producers.	July 17	July 31	C-108	159
1180365	Apr. 25, 1916	Method of gyroscopic control	Apr. 19	June 6	A-108	5
			Mar. 28	Apr. 4	Z-106	317
1197837	Sept. 12, 1916	App. for etching	July 28	Oct. 7	I-108	329
1204845	Nov. 14, 1916	Drying vegetable materials	July 28	Sept. 19	F-108	496
1205292	Nov. 21, 1916	Manufacture of cold-drawn seamless tubes.	July 28	Sept. 18	F-108	468
1213174	Jan. 23, 1917	Electric welding machines	July 28	Sept. 19	G-108	12
1213422	Jan. 23, 1917	Electrically welding tubes	July 28	Oct. 11	J-108	8
1213627	Jan. 23, 1917	Mfg. of whole grain bread	July 28	Aug. 25	C-108	464
1216404	Feb. 20, 1917	Self-igniting electric arc candles	July 28	Sept. 30	G-108	449
1219221	Mar. 13, 1917	Cinematographic apparatus	July 28	Sept. 18	F-108	241
1220010	Mar. 20, 1917	Emulsifying fats and fatty substances.	July 28	Sept. 8	F-108	132
1223428	Apr. 24, 1917	Vapor alternating current rectifiers and similar app.	July 28	Oct. 11	J-108	28
1223790	Apr. 24, 1917	Making meat of sea mammals fit for food.	July 28	Aug. 25	E-108	101
1225877	May 15, 1917	Preparing tubers for mfg. dough or flour.	July 28	Sept. 22	G-108	373
1225878	May 15, 1917	Preparing legumes for mfg. dough or flour.	July 28	Sept. 22	G-108	373
1228818	June 5, 1917	Manufacturing of carbon monoxid and hydrogen.	July 17	July 31	B-108	378
1228930	June 5, 1917	App. for cooling air, liquids, vapors, gases, and the like.	July 28	Sept. 30	H-108	14
1235170	July 31, 1917	Optometers of the Scheiner system	July 28	Aug. 25	E-108	165
1236721	Aug. 14, 1917	Hearths of blast furnaces	July 28	Sept. 30	H-108	19
1273474	July 23, 1918	Manufacture-producer gas	July 21	July 31	A-108	472
1025500	May 7, 1912	Projectile for firing at airships	Apr. 19	June 6	V-107	216
1159556	Nov. 9, 1915	Sighting devices for projectile ejectors of airships.	Apr. 19	June 6	V-107	216
1095711	May 5, 1914	Armored aerial machine	June 27	July 14	A-108	287
1024429	Apr. 23, 1912	Starting device for flying machines.	Apr. 19	June 6	Z-107	78
728118	May 12, 1903	Methods of rigidly securing wire to other objects.	July 21	July 31	B-108	213
751082	Feb. 2, 1904	Propelling and steering apparatus for balloons.	July 28	Oct. 7	I-108	305
735005	Aug. 11, 1903	Screw propellers	July 28	Oct. 2	H-108	198
799463	Sept. 12, 1905	Propelling devices for vehicles intended for air, water, and land locomotion.	July 28	Oct. 7	I-108	263
827017	July 24, 1906	Wings of flying machine	July 16	July 31	B-108	68
851908	Apr. 30, 1907	Rotary engine	July 28	Oct. 2	H-108	287
855906	June 4, 1907	Rotary engine	July 28	Aug. 25	D-108	460
858749	July 2, 1907	Screw propeller	July 28	Oct. 7	I-108	308
867126	Sept. 24, 1907	Rotary engine	July 28	Aug. 25	C-108	490
794667	July 11, 1905	Plane	July 28	Aug. 25	E-108	31
872539	Dec. 3, 1907	Car suspension for motor balloons.	June 26	July 14	A-108	313
890591	June 16, 1908	Rotary engines	July 11	Aug. 8	C-108	245

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1074830	Oct. 7, 1913	Suspension of the ears of air ships.	June 26	July 14	A-108	313
1087134	Feb. 17, 1914	Suspension of the ears of air ships.	June 26	July 14	A-108	313
1100762	June 23, 1914	Reinforcement of the supporting bodies or envelopes of airships.	June 26	July 14	A-108	313
894391	July 28, 1908	Rotary engine	July 28	Sept. 18	F-108	472
895043	Aug. 4, 1908	Rotary engine	July 28	Sept. 19	G-108	119
904930	Nov. 24, 1908	Aerial ship	June 27	July 14	A-108	285
906559	Dec. 15, 1908	Self-propelled airship	June 27	July 14	A-108	315
914281	Mar. 2, 1909	Rotary internal combustion engine	July 16	July 31	B-108	73
949420	Feb. 15, 1910	Toy airship	June 24	June 28	A-108	205
951942	Mar. 15, 1910	Safety anchors for airships and the like.	July 28	Aug. 25	E-108	175
968700	Aug. 30, 1910	Flying apparatus	July 28	Oct. 3	H-108	440
974103	Oct. 25, 1910	Signaling apparatus for airships and the like.	July 28	Sept. 8	E-108	486
974434	Nov. 1, 1910	Stiffening skeleton for balloon coverings.	June 27	July 14	A-108	317
975196	Nov. 8, 1910	Apparatus for testing flying machines and learning the art of aviation.	June 26	July 14	A-108	282
979979	Dec. 27, 1910	Airship of the rigid type	June 27	July 14	A-108	308
980267	Jan. 3, 1911	Framework structure for balloons	June 27	July 14	A-108	294
983697	Feb. 7, 1911	Supporting surface for flying machines.	June 24	June 28	A-108	208
985126	Feb. 28, 1911	Aeroplane	July 18	July 31	A-108	418
986002	Mar. 7, 1911	Flying machine	June 24	June 28	A-108	230
943436	Dec. 14, 1909	Flying scaffolds	July 22	July 31	B-108	321
948121	Feb. 1, 1910	Flying machine, airship, and the like.	June 26	July 14	A-108	354
948177	Feb. 1, 1910	Aerial projectiles	Apr. 19	June 6	A-108	90
954992	Apr. 12, 1910	Propeller	July 28	Oct. 7	I-108	367
980140	Apr. 18, 1911	Compound engines	July 15	July 31	B-108	104
925764	June 22, 1909	Aerial flight chute	July 18	July 31	A-108	466
954215	Apr. 5, 1910	Balloon	June 24	June 28	A-108	261
954539	Apr. 12, 1910	Reversible propellers	July 28	Oct. 3	H-108	409
954574	Apr. 12, 1910	Means for steering flying machine.	July 28	Oct. 2	Z-108	264
957608	May 17, 1910	App. for measuring and registering oscillations of vibrating bodies such as marine vessels, airships, railway vehicles.	July 28	Aug. 25	D-108	361
959392	May 24, 1910	Rotary fans or propellers	July 28	Aug. 25	D-108	340
922756	May 25, 1909	Flying apparatus	June 24	June 28	A-108	201
932999	Aug. 31, 1909	"Airship"	June 27	July 14	A-108	318
934394	Sept. 14, 1909	Screw propellers for flying machines.	July 28	Sept. 8	E-108	315
935130	Sept. 28, 1909	"Lifting and driving propeller"	June 27	July 14	A-108	326
935262	Sept. 28, 1909	Device for turning the swinging axles of flapping wings.	June 27	July 14	A-108	209
966395	Aug. 2, 1910	Means for sheltering the landing places of airships from the force of the wind.	June 27	Aug. 8	C-108	326
1083265	Dec. 30, 1913	Combustion engine	July 21	July 31	A-108	408
			June 26	July 14	A-108	286
988597	Apr. 4, 1911	Balloon structure	June 26	July 14	A-108	332
1008345	Nov. 14, 1911	Automatic grabs	July 28	Aug. 25	D-108	174
1008437	Nov. 14, 1911	Dirigible airship	June 24	June 28	A-108	266
1015674	Jan. 23, 1912	Airship	June 21	June 28	A-108	213
1019418	Mar. 5, 1912	Aeroplanes or flying machine	June 27	July 14	A-108	284
1020088	Mar. 12, 1912	"Toy airship"	June 24	June 28	A-108	275
1020484	Mar. 19, 1912	"Aerial vessel"	June 21	June 28	A-108	200
1025589	May 7, 1912	"Coupling of screw propellers, screw ventilators, fly wheels, and other rotating machinery."	June 24	June 28	A-108	253
1027590	May 28, 1912	Dirigible airship	June 27	July 14	A-108	283

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1028782	June 4, 1912	Automatic stabilizer for flying machines.	June 24	June 28	A-108	249
1030060	June 18, 1912	Aerial electrical lines	July 28	Aug. 25	D-108	71
1031452	July 2, 1912	Wing for flying machines	June 27	July 14	A-108	301
996547	June 27, 1911	Propellers for aerial vehicles	July 28	Sept. 8	F-108	198
998213	July 18, 1911	Recording speed indicators	July 28	Sept. 8	F-108	154
998538	July 18, 1911	"Airship"	June 27	July 14	A-108	305
999469	Aug. 1, 1911	Balloon form	June 26	July 14	A-108	332
1000865	Aug. 15, 1911	"Airship"	June 24	June 28	A-108	277
1001223	Aug. 22, 1911	Aeroplane	June 27	July 14	A-108	333
1001342	Aug. 22, 1911	Speed indicators	July 28	Oct. 2	H-108	114
1001995	Aug. 29, 1911	Balloon system for airships	June 26	July 14	A-108	332
1003401	Sept. 12, 1911	Screw propellers	July 28	Nov. 10	J-108	78
1003782	Sept. 19, 1911	Aerial machine	June 27	July 14	A-108	314
1005097	Oct. 3, 1911	Airship	June 26	July 14	A-108	356
1007405	Oct. 31, 1911	Airships, balloon, aeroplane, and the like.	June 27	July 14	A-108	361
1008965	Nov. 14, 1911	Propellers for dirigible balloons	July 28	Oct. 2	H-108	138
1072514	Sept. 9, 1913	Dirigible balloon	June 26	July 14	A-108	332
1012507	Dec. 19, 1911	Wooden propellers	July 28	Aug. 25	D-108	22
1013491	Jan. 2, 1912	Reversing mechanism for internal combustion engines.	June 24	June 28	A-108	228
1036532	Aug. 27, 1912	Shutters for dirigibles, balloons, airships, and the like.	July 28	Aug. 25	C-108	369
1038089	Sept. 10, 1912	Aerial tracks	July 28	Sept. 8	E-108	308
1038400	Sept. 10, 1912	Aerial torpedo	Apr. 19	June 6	A-108	94
1038739	Sept. 17, 1912	Dirigible headlight	July 18	July 31	A-108	474
1044600	Nov. 19, 1912	Flying machine	June 27	July 14	A-108	338
1055005	Mar. 4, 1913	Rotary motor	June 24	June 28	A-108	278
			July 21	July 31	C-108	213
1058432	Apr. 8, 1913	Construction of halls, airship hangars, etc.	July 28	Oct. 11	I-108	434
1081137	Dec. 8, 1913	Parachute	June 27	July 14	A-108	348
1011083	Dec. 5, 1911	Aeroplane	June 24	June 28	A-108	256
1011619	Dec. 12, 1911	Rotary engine	June 24	June 28	A-108	224
1011619	Dec. 12, 1911	Rotary engine	July 18	July 31	B-108	32
1041646	Oct. 15, 1912	Rotary engine	July 28	Oct. 11	I-108	486
1046028	Dec. 3, 1912	Aeroplane	July 28	Oct. 7	I-108	349
1046682	Dec. 10, 1912	Flying machine	June 24	June 28	A-108	273
1052199	Feb. 4, 1913	Flying machine	June 24	June 28	A-108	281
1054374	Feb. 25, 1913	Flying apparatus	June 27	July 14	A-108	347
1058256	Apr. 8, 1913	Chassis for aeroplanes	June 21	June 28	A-108	245
1058983	Apr. 15, 1913	Flying machine having supprting planes located one behind another.	June 21	June 28	A-108	236
1062258	May 20, 1913	Propellers	July 28	Oct. 6	I-108	150
1063805	June 3, 1913	Aeroplane	June 27	July 14	A-108	300
1065263	June 17, 1913	Aeroplane steering and stabilizing mechanism.	June 27	July 14	A-108	307
1065739	June 24, 1913	Flying machine	June 27	July 14	A-108	328
1066203	July 1, 1913	"Aeroplane track"	June 21	June 28	A-108	216
1066860	July 8, 1913	Automatic stabilizer for aerial vehicles or other moving bodies.	June 27	July 14	A-108	329
1073648	Sept. 23, 1913	Autoplane	June 24	June 28	A-108	280
1073655	Sept. 23, 1913	Flying machine	June 24	June 28	A-108	191
1076879	Oct. 28, 1913	"Flying device"	June 21	June 28	A-108	210
1088883	Mar. 3, 1914	Screw blades for impellers	July 28	Oct. 3	H-108	321
1189872	Mar. 10, 1914	Propellers for air crafts	July 28	Sept. 30	H-108	54
1109648	Sept. 1, 1914	Halls for airships	July 28	Oct. 2	H-108	177
1114364	Oct. 20, 1914	Flying machine	July 16	July 31	B-108	105
1114705	Oct. 20, 1914	App. determining angle for projectiles from aerial vessels.	Apr. 19	June 6	A-108	22
1117922	Nov. 17, 1914	Air cooling devices	July 28	Oct. 2	H-108	228
1119324	Dec. 1, 1914	Stabilizing device for flying machines.	June 27	July 14	A-108	337
1119646	Dec. 1, 1914	" Device for landing or berthing airships."	June 24	June 28	A-108	276
1121762	Dec. 22, 1914	"Airship"	June 24	June 28	A-108	255

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
			1919.	1919.		
1130431	Mar. 2, 1915	App. for controlling rotary machines.	July 28	Oct. 11	I-108	462
1131888	Mar. 16, 1915	Steering wheel for motor cars and flying machines.	July 21	July 31	C-108	222
1132503	Mar. 16, 1915	Automatic stabilising apparatus for flying machines.	June 21	June 28	A-108	279
1133342	Mar. 30, 1915	Float for hydroaeroplanes	June 27	July 14	A-108	343
1259398	Mar. 12, 1918	Device for starting and scavenging two-cycle engines.	July 21 June 26	July 31 July 14	B-108 A-108	52 292
1239224	Sept. 4, 1917	Two-stroke combustion engine	July 22 June 24	July 31 June 28	B-108 A-108	472 259
1047206	Dec. 17, 1912	Turbine-driven helicopter	June 24	June 28	A-108	240
1096045	May 12, 1914	Flying machine	June 24	June 28	A-108	240
1117972	Nov. 24, 1914	Combination brake and shock absorber	July 21	July 31	A-108	410
1118344	Nov. 24, 1914	Rotary inclosed engine	July 28	Oct. 11	I-108	443
1131375	Mar. 9, 1915	Rotary engine	July 28	Oct. 11	I-108	443
1134357	Apr. 6, 1915	Rotary engine	July 28	Sept. 30	H-108	66
1142827	June 15, 1915	Projectile for air vessels	Apr. 19	June 6	A-108	100
1143973	June 22, 1915	Two-cylinder engine	July 28	Sept. 30	H-108	16
1227968	May 29, 1917	Rotary engine	July 28	Sept. 30	H-108	66
997733	July 11, 1911	Steering apparatus for flying machine.	June 24	June 28	A-108	193
1015540	Jan. 23, 1912	Screw propellers	July 28	Aug. 25	D-108	5
1136420	Apr. 20, 1915	Hydroplane and aeroplane	June 21	June 28	A-108	219
1153487	Sept. 14, 1915	Carburetor	July 28	Oct. 11	I-108	422
1154466	Sept. 21, 1915	Flying machine	June 26	July 14	A-108	355
1160062	Nov. 16, 1915	Carburetors	July 28	Aug. 25	D-108	443
1163010	Dec. 7, 1915	Propellers	July 28	Aug. 25	E-108	89
1094898	Apr. 28, 1914	Flying machine	June 24	June 28	A-108	231
1095732	May 5, 1914	Screw propellers	July 28	Sept. 19	G-108	71
1173859	Mar. 21, 1916	Flying machine with gyroscopic steadying device.	June 21	June 28	A-108	237
1205515	Nov. 21, 1916	Aerial ropeways	July 28	Aug. 25	E-108	4
1256674	Feb. 19, 1918	Rotary gas engine	June 21	June 28	A-108	211
1256674	Feb. 19, 1918	Rotary gas engine	July 22	July 31	A-108	485
1180732	Apr. 25, 1916	Covering for balloons and the like	July 16	July 31	B-108	320
1199028	Aug. 29, 1916	Rotary engine	July 28	Oct. 11	J-108	1
1073370	Sept. 16, 1913	Driving apparatus	July 11	Aug. 8	C-108	350
1092930	Apr. 14, 1914	"Internal combustion engine"	July 18	July 31	B-108	273
1093633	Apr. 21, 1914	Air screw propellers	July 28	Aug. 25	D-108	167
1101372	June 23, 1914	Sheds for airships, etc.	July 28	Aug. 25	E-108	201
1101688	June 30, 1914	Rotary internal combustion engines.	July 22	Sept. 30	G-108	462
1227967	May 29, 1917	App. for driving rotary engines	July 28	Oct. 2	H-108	240
			1920	1920		
987178	Mar. 21, 1911	Driving mechanism for airships	Sept. 14	Sept. 18	J-108	330
992909	May 23, 1911	Balloon structure	Sept. 14	Sept. 18	J-108	330
			1919	1919		
997419	July 11, 1911	Steering mechanism for airships	June 26	July 14	A-108	332

SCHEDULE 20

The instrument dated April 27, 1921, and recorded in the United States Patent Office on May 2, 1921, in liber K-113, page 56, of Transfers of Patents, a copy of which instrument is set out in Exhibit J attached to this bill of complaint, enumerated the following patents:

No.	Date of issue.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
			1919.	1919.		
909300	Jan. 12, 1909	Feeding devices for tools, etc.	July 28	Oct. 2	H-108	152
909300	Jan. 12, 1909	Feeding device for machine tools and the like.	Sept. 23	Oct. 10	T-108	227
1048073	Dec. 24, 1912	Gage	Sept. 23	Oct. 10	T-108	226
1048073	Dec. 24, 1912	Gages	July 28	Oct. 11	I-108	437
1049860	Jan. 7, 1913	Micrometer gage	Sept. 23	Oct. 10	T-108	227
1049860	Jan. 7, 1913	Micrometer gages	July 28	Sept. 22	G-108	263
1059545	Apr. 22, 1913	Pivoted jaw vises	July 28	Sept. 8	E-108	470
1150441	Aug. 17, 1915	Flexible coupling	July 18	July 31	B-108	232
1162720	Nov. 30, 1915	Measuring tools	July 28	Oct. 11	I-108	437
1162720	Nov. 30, 1915	Measuring tool	Sept. 23	Oct. 10	T-108	229
1201318	Oct. 17, 1916	Grinding machs	July 28	Aug. 25	D-108	199
1244090	Oct. 23, 1917	Machine bearing	Sept. 23	Oct. 10	T-108	225
1298929	Apr. 1, 1919	Producing isoprene[2]				

[1]Date of service on Commissioner of Patents of the United States and of filing forrecord in U. S. Patent Office.

[2]This patent was seised as serial No. 675656, seizure of said serial number being filed Feb. 3, 1919, and recorded in liber Y-106, p. 133.

Said instrument dated April 27, 1921, and recorded in the United States Patent Office on May 2, 1921, in liber K-113, page 56, of Transfers of Patents a copy of which instrument is set out in Exhibit J attached to this bill of complaint, also enumerated the following serial numbers or applications for patents:

No.	Date of filing.	Title.	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page.
636030	June 29, 1911	Ball bearings	1919. Sept. 23	1919. Oct. 10	T-108	230
748875	Feb. 17, 1913	Measuring instrument	Sept. 23	Oct. 10	T-108	231

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

SCHEDULE 21.

The instrument dated November 5, 1921, and recorded in the United States Patent Office on November 12, 1921, in liber W-114, page 349, of Transfers of Patents, a copy of which instrument is set out in Exhibit K, attached to this bill of complaint, enumerated the following trade-marks:

No.	Date of registration.	For—	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.[1]	Book.	Page
	1886					
13527	July 27	Toilet soap, cream, milk, paste, and pomatum.	June 29, 1921	July 1, 1921	P-113	276
13527	July 27	Toilet soap, cream, milk, paste, and pomatum.	Apr. 4, 1919	Apr. 8, 1919	M-107	14
13528	July 27	Salves and plasters	June 29, 1921	July 1, 1921	P-113	276
13528	July 27	Salves and plasters	Apr. 4, 1919	Apr. 8, 1919	M-107	14
13622	Aug. 31	Unguent or salve	June 29, 1921	July 1, 1921	P-113	276
13622	Aug. 31	Unguent or salve	Apr. 4, 1919	Apr. 8, 1919	M-107	14
13803	Nov. 16	Medicinal preparation	June 24, 1921	June 25, 1921	L-113	305
13803	Nov. 16	Medicinal preparation	Apr. 4, 1919	Apr. 8, 1919	M-107	20

[1]Date of service on Commissioner of Patents of the United States and of filing for record in U. S. Patent Office.

No.	Date of registration.	For—	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
	1889					
16767	July 2	Pocket, pen, erasing, and table knives and surgical and other cutting instruments classed as cutlery.	June 29, 1921	July 1, 1921	S-113	296
16767	July 2	Pocket, pen, erasing, and table knives and surgical and other cutting instruments classed as cutlery.	Apr. 4, 1919	Apr. 8, 1919	P-106	172
16788	July 9	Preserving paint	July 2, 1921	July 5, 1921	Z-113	570
16788	July 9	Preserving paint	Apr. 4, 1919	Apr. 8, 1919	E-106	408
	1893					
22375	Jan. 24	Remedies for cancerous diseases.	June 28, 1921	July 1, 1921	S-113	298
22375	Jan. 24	Remedies for cancerous diseases.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
23530	Aug. 22	Preparations of iron derived from animal matter known as physiological iron preparations.	June 28, 1921	July 1, 1921	S-113	298
23530	Aug. 22	Preparations of iron derived from animal matter known as physiological iron preparations.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
23531	Aug. 22	Preparations of iron derived from animal matter known as physiological iron preparations.	June 28, 1921	July 1, 1921	S-113	298
23531	Aug. 22	Preparations of iron derived from animal matter known as physiological iron preparations.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
23534	Aug. 22	Medicinal agents for nervous diseases and a febrifuge.	June 28, 1921	July 1, 1921	S-113	298
23534	Aug. 22	Medicinal agents for nervous diseases and a febrifuge.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
23536	Aug. 22	Whooping cough and asthmatic diseases.	June 28, 1921	July 1, 1921	S-113	298
23536	Aug. 22	Whooping cough and asthmatic diseases.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
23537	Aug. 22	Remedies for cancerous diseases.	June 28, 1921	July 1, 1921	S-113	298
23537	Aug. 22	Remedies for cancerous diseases.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
23724	Oct. 17	Cleaning and polishing preparations.	June 28, 1921	July 1, 1921	V-113	325
23724	Oct. 17	Cleaning and polishing preparations.	Apr. 4, 1919	Apr. 8, 1919	Y-106	417
23820	Nov. 14	Scouring and polishing preparations.	June 28, 1921	July 1, 1921	V-113	325
23820	Nov. 14	Scouring and polishing preparations.	Apr. 4, 1919	Apr. 8, 1919	Y-106	417
	1894					
24093	Jan. 23	Medicinal agents for use in nervous diseases as a febrifuge and soporific.	June 28, 1921	July 1, 1921	S-113	298
24093	Jan. 23	Medicinal agents for use in nervous diseases as a febrifuge and soporific.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
24094	Jan. 23	Medicinal agents for use in urinary diseases.	June 28, 1921	July 1, 1921	S-113	298
24094	Jan. 23	Medicinal agents for use in urinary diseases.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
	1895					
27388	Dec. 3	Soporifics	June 28, 1921	July 1, 1921	S-113	298
27388	Dec. 3	Soporifics	Apr. 8, 1919	Apr. 9, 1919	N-106	490
27389	Dec. 3	Soporifics	June 28, 1921	July 1, 1921	S-113	298
27389	Dec. 3	Soporifics	Apr. 8, 1919	Apr. 9, 1919	N-106	490

No.	Date of registration.	For—	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
	1896					
28021	Mar. 24	Cleaning and polishing preparations and wash blue.	June 28, 1921	July 1, 1921	V-113	325
28021	Mar. 24	Cleaning and polishing preparations and wash blue.	Apr. 4, 1919	Apr. 8, 1919	Y-106	417
28868	Sept. 8	Deliming and preserving compounds for tanners use.	June 29, 1921	July 1, 1921	X-113	319
28868	Sept. 8	Deliming and preserving compounds for tanners use.	Apr. 4, 1919	Apr. 8, 1919	Y-106	412
	1897					
29457	Jan. 12	A medicament comprising menthol dissolved in menthol ether of valeric acid.	June 28, 1921	July 1, 1921	C-113	327
29457	Jan. 12	A medicament comprising menthol dissolved in menthol ether of valeric acid.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
29658	Mar. 9	Chemicals having a narcotic influence.	June 28, 1921	July 1, 1921	S-113	298
29658	Mar. 9	Chemicals having a narcotic influence.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
29728	Mar. 23	Chemical preparations	June 28, 1921	July 1, 1921	Z-113	362
29728	Mar. 23	Chemical preparations	Apr. 4, 1919	Apr. 8, 1919	U-106	366
29914	Apr. 27	Antiseptics and antipyretics	June 28, 1921	July 1, 1921	S-113	298
29914	Apr. 27	Antiseptics and antipyretics	Apr. 8, 1919	Apr. 9, 1919	N-106	499
29995	May 11	Medicinal chemicals	June 28, 1921	July 1, 1921	S-113	298
29995	May 11	Medicinal chemicals	Apr. 8, 1919	Apr. 9, 1919	N-106	490
30078	May 25	Medicinal chemicals acting as internal and external astringent disinfectants.	June 28, 1921	July 1, 1921	S-113	298
30078	May 25	Medicinal chemicals acting as internal and external astringent disinfectants.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
30140	June 8	Chemicals acting as intestinal astringents and antiseptics.	June 28, 1921	July 1, 1921	S-113	298
30140	June 8	Chemicals acting as intestinal astringents and antiseptics.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
30524	Aug. 24	Impure and pure or refined benzoic sulfinid or benzoic sulfinid combined with sodium oxid.	July 2, 1921	July 5, 1921	K-113	271
30524	Aug. 24	Impure and pure or refined benzoic sulfinid or benzoic sulfinid combined with sodium oxid.	Apr. 4, 1919	Apr. 8, 1919	S-106	419
30696	Oct. 19	Derivatives of cinchona alkaloids.	June 28, 1921	July 1, 1921	C-113	327
30696	Oct. 19	Derivatives of cinchona alkaloids.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
30942	Dec. 7	Certain named articles and preparations for the teeth, hair, and skin.	June 28, 1921	July 1, 1921	L-113	363
30942	Dec. 7	Certain named articles and preparations for the teeth, hair, and skin.	Apr. 4, 1919	Apr. 8, 1919	F-106	463
	1898					
31235	Feb. 8	Photographic developers	June 29, 1921	July 1, 1921	X-113	319
31235	Feb. 8	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	Y-106	412
31236	Feb. 8	Photographic developers	June 29, 1921	July 1, 1921	X-113	319
31236	Feb. 8	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	Y-106	412
31667	June 7	Hemorrhoidal suppositories	June 24, 1921	June 25, 1921	C-113	301
31667	June 7	Hemorrhoidal suppositories	Apr. 4, 1919	Apr. 8, 1919	S-106	417
32002	Sept. 27	A chemical and medicinal preparation.	June 28, 1921	July 1, 1921	S-113	298
32002	Sept. 27	A chemical and medicinal preparation.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
32003	Sept. 27	A chemical and medicinal preparation.	June 28, 1921	July 1, 1921	S-113	298
32003	Sept. 27	A chemical and medicinal preparation.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
32177	Nov. 22	Cure for consumption	June 24, 1921	June 25, 1921	I-113	305

No.	Date of registration	For—	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
	1898					
32177	Nov. 22	Cure for consumption	Apr. 4, 1919	Apr. 8, 1919	M-107	20
32178	Nov. 22	Cure for consumption	June 24, 1921	June 25, 1921	I-113	305
32178	Nov. 22	Cure for consumption	Apr. 4, 1919	Apr. 8, 1919	M-107	20
32212	Dec. 6	Artificial dung	June 28, 1921	July 1, 1921	G-113	284
32212	Dec. 6	Artificial dung	Apr. 4, 1919	Apr. 8, 1919	I-106	390
32287	Dec. 27	Cure for consumption	June 24, 1921	June 25, 1921	I-113	305
32287	Dec. 27	Cure for consumption	Apr. 4, 1919	Apr. 8, 1919	M-107	20
	1899					
32576	Mar. 7	Medicinal and remedial sulfo-compounds for internal and external use.	June 28, 1921	July 1, 1921	L-113	365
32576	Mar. 7	Medicinal and remedial sulfo-compounds for internal and external use.	Apr. 4, 1919	Apr. 8, 1919	H-106	491
32577	Mar. 7	Veterinary remedial agents	June 28, 1921	July 1, 1921	L-113	365
32577	Mar. 7	Veterinary remedial agents	Apr. 4, 1919	Apr. 8, 1919	H-106	491
32737	Apr. 18	Certain named medicinal chemicals.	June 28, 1921	July 1, 1921	S-113	298
32737	Apr. 18	Certain named medicinal chemicals.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
33016	June 6	Photographic developers	June 29, 1921	July 1, 1921	X-113	320
33016	June 6	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	Y-106	412
33017	June 6	Photographic developers	June 29, 1921	July 1, 1921	X-113	320
33017	June 6	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	Y-106	412
33821	Nov. 28	Remedies for catarrh	June 28, 1921	July 1, 1921	C-113	323
33821	Nov. 28	Remedies for catarrh	Apr. 4, 1919	Apr. 8, 1919	J-107	2
	1900					
34132	Feb. 6	Certain-named photographic materials.	June 24, 1921	June 25, 1921	Q-113	274
34132	Feb. 6	Certain-named photographic materials.	Apr. 4, 1919	Apr. 8, 1919	P-106	463
34318	Mar. 13	A medicine for certain-named purposes.	June 28, 1921	July 1, 1921	S-113	298
34318	Mar. 13	A medicine for certain-named purposes.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
34420	Apr. 3	Certain-named medical compounds.	June 28, 1921	July 1, 1921	S-113	298
34420	Apr. 3	Certain-named medical compounds.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
34706	May 29	Certain-named medical compounds.	June 29, 1921	July 1, 1921	P-113	276
34706	May 29	Certain-named medical compound.	Apr. 4, 1919	Apr. 8, 1919	M-107	14
34741	June 5	Metabolic product of tubercle bacilli.	June 28, 1921	July 1, 1921	S-113	298
34741	June 5	Metabolic product of tubercle bacilli.	Apr. 8, 1919	Apr. 9, 1919	N-106	490
35389	Nov. 13	Certain-named cutlery and surgical instruments.	June 29, 1921	July 1, 1921	S-113	295
35389	Nov. 13	Certain-named cutlery and surgical instruments.	Apr. 4, 1919	Apr. 8, 1919	P-106	472
	1901					
35771	Jan. 15	Photographic paper and plates.	June 24, 1921	June 25, 1921	Q-113	274
35979	Feb. 26	Medical and pharmaceutical preparations.	June 28, 1921	July 1, 1921	G-113	294
35979	Feb. 26	Medical and pharmaceutical preparations.	Apr. 4, 1919	Apr. 8, 1919	T-106	427
36046	Mar. 12	Oleates of sodium	June 28, 1921	July 1, 1921	C-113	327
36046	Mar. 12	Oleates of sodium	Apr. 4, 1919	Apr. 8, 1919	F-107	17
36522	June 4	Certain-named soluble starch	June 24, 1921	June 25, 1921	Q-113	273
36522	June 4	Certain-named soluble starch	Apr. 4, 1919	Apr. 8, 1919	J-106	426
36523	June 4	Certain-named soluble starch	June 24, 1921	June 25, 1921	Q-113	273
36523	June 4	Certain-named soluble starch	Apr. 4, 1919	Apr. 8, 1919	J-106	426
37373	Nov. 26	Certain-named pharmaceutical products.	June 28, 1921	July 1, 1921	C-113	327
37373	Nov. 26	Certain-named pharmaceutical products.	Apr. 4, 1919	Apr. 8, 1919	F-107	17

No.	Date of registration.	For—	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording	Book.	Page
	1901					
37374	Nov. 26	Certain-named pharmaceutical products.	June 28, 1921	July 1, 1921	C-113	327
37374	Nov. 26	Certain-named pharmaceutical products.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
	1902					
37664	Jan. 21	Quinate of lithium	June 28, 1921	July 1, 1921	C-113	327
37664	Jan. 21	Quinate of lithium	Apr. 4, 1919	Apr. 8, 1919	F-107	17
38016	Apr. 1	Perfumery and certain-named toilet preparations.	June 24, 1921	June 25, 1921	H-113	302
38016	Apr. 1	Perfumery and certain-named toilet preparations.	Apr. 4, 1919	Apr. 8, 1919	I-106	441
38017	Apr. 1	Perfumery and certain-named toilet preparations.	June 24, 1919	June 25, 1921	H-113	302
38017	Apr. 1	Perfumery and certain-named toilet preparations.	Apr. 4, 1919	Apr. 8, 1919	I-106	441
38167	Apr. 22	Salicylates of some rare earths	June 28, 1921	July 1, 1921	C-113	327
38167	Apr. 22	Salicylates of some rare earths	Apr. 4, 1919	Apr. 8, 1919	F-107	17
39153	Oct. 28	Substitute for gum copal and amber.	June 24, 1921	June 25, 1921	Q-113	271
39153	Oct. 28	Substitute for gum copal and amber.	Apr. 4, 1919	Apr. 8, 1919	J-106	426
39523	Dec. 23	Cotoin compound	June 28, 1921	July 1, 1921	C-113	327
39523	Dec. 23	Cotoin compound	Apr. 4, 1919	Apr. 8, 1919	F-107	17
39577	Dec. 30	Derivatives of vanillin and phenetidin.	June 28, 1921	July 1, 1921	C-113	327
39577	Dec. 30	Derivatives of vanillin and phenetidin.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
	1903					
40116	Apr. 14	Combinations of quinin and phenetidin.	June 28, 1921	July 1, 1921	C-113	327
40116	Apr. 14	Combinations of quinin and phenetidin.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
40117	Apr. 14	Salts of diorthooxydibenzal-aceton.	June 28, 1921	July 1, 1921	C-113	327
40117	Apr. 14	Salts of diorthooxydibenzal-aceton.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
40680	June 30	Remedy for stomachic disturbances.	June 24, 1921	June 25, 1921	I-113	305
40680	June 30	Remedy for stomachic disturbances.	Apr. 4, 1919	Apr. 8, 1919	M-107	20
40895	Aug. 11	Remedies for tuberculous and catarrhal complaints.	July 2, 1921	July 5, 1921	L-113	369
40895	Aug. 11	Remedies for tuberculous and catarrhal complaints.	Apr. 4, 1919	Apr. 8, 1919	Y-106	415
	1904					
42306	Mar. 29	Paints and colors	June 28, 1921	July 1, 1921	O-113	269
42306	Mar. 29	Paints and colors	Apr. 4, 1919	Apr. 8, 1919	M-106	463
42957	July 5	Preservative liquid for the protection of wood.	July 2, 1921	July 5, 1921	Z-113	370
42957	July 5	A preservation liquid for the protection of wood.	Apr. 4, 1919	Apr. 8, 1919	E-106	498
43656	Nov. 8	Soporifics	June 24, 1921	June 25, 1921	I-113	305
43656	Nov. 8	Soporifics	Apr. 4, 1919	Apr. 8, 1919	M-107	20
	1905					
47764	Nov. 21	Potato flour, potato starch and dextrin.	June 29, 1921	July 1, 1921	T-113	300
47764	Nov. 21	Potato flour, potato starch and dextrin.	Apr. 4, 1919	Apr. 8, 1919	G-107	22
	1906					
49667	Feb. 13	Starch and dextrin	June 29, 1921	July 1, 1921	T-113	300
49667	Feb. 13	Starch and dextrin	Apr. 4, 1919	Apr. 8, 1919	G-107	22
49911	Feb. 20	Potato flour, potato starch and dextrin.	June 29, 1921	July 1, 1921	T-113	300
49911	Feb. 20	Potato flour, potato starch and dextrin.	Apr. 4, 1919	Apr. 8, 1919	G-107	22
54087	June 19	A medicament	June 28, 1921	July 1, 1921	C-113	327
54087	June 19	A medicament	Apr. 4, 1919	Apr. 8, 1919	F-107	17

No.	Date of registration.	For—	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
	1906					
54068	June 19	Derivatives of cinchona alkaloids.	June 28, 1921	July 1, 1921	C-113	327
54068	June 19	Derivatives of cinchona	Apr. 4, 1919	Apr. 8, 1919	F-107	17
55544	Aug. 14	Composition of matter	June 28, 1921	July 1, 1921	S-113	297
55544	Aug. 14	Composition of matter	Apr. 4, 1919	Apr. 8, 1919	Q-106	419
55723	Aug. 21	Derivatives of cinchona alkaloids.	June 28, 1921	July 1, 1921	C-113	327
55723	Aug. 21	Derivatives of cinchona alkaloids.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
57145	Nov. 6	Photographic developers	June 29, 1921	July 1, 1921	X-113	319
57145	Nov. 6	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	Y-106	412
57218	Nov. 6	Photographic developers	June 29, 1921	July 1 1921	X-113	320
57218	Nov. 6	Photographic developers	Apr. 4, 1919	Apr. 8, 1919	Y-106	412
	1907					
59443	Jan. 8	Cement for filling teeth	June 28, 1921	July 1, 1921	C-113	324
59443	Jan. 8	Cement for filling teeth	Apr. 4, 1919	Apr. 8, 1919	Y-106	409
61628	Apr. 2	A detergent cleaning preparation.	June 24, 1921	June 25, 1921	F-113	273
61628	Apr. 2	A detergent cleaning preparation.	Apr. 4, 1919	Apr. 8, 1919	L-106	406
66353	Nov. 26	Certain chemicals	June 29, 1921	July 1, 1921	P-113	286
66353	Nov. 26	Certain chemicals	Apr. 4, 1919	Apr. 8, 1919	Z-106	331
	1908					
67643	Feb. 11	Optical instruments	June 24, 1921	June 25, 1921	O-113	240
67643	Feb. 11	Optical instruments	Apr. 4, 1919	Apr. 8, 1919	N-106	479
68043	Mar. 3	Soap	June 29, 1921	July 1, 1921	P-113	286
68043	Mar. 3	Soap	Apr. 4, 1919	Apr. 8, 1919	Z-106	331
68570	Apr. 14	Optical instruments and parts thereof.	June 24, 1921	June 25, 1921	O-113	240
68570	Apr. 14	Optical instruments and parts thereof.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
68571	Apr. 14	Optical instruments and parts thereof.	June 24, 1921	June 25, 1921	O-113	240
68571	Apr. 14	Optical instruments and parts thereof.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
68572	Apr. 14	Optical instruments and parts thereof.	June 24, 1921	June 25, 1921	O-113	240
68572	Apr. 14	Optical instruments and parts thereof.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
68573	Apr. 14	Optical instruments and parts thereof.	June 24, 1921	June 25, 1921	O-113	240
68573	Apr. 14	Optical instruments and parts thereof.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
69128	May 19	"Cupressymol"	July 2, 1921	July 5, 1921	K-113	260
69128	May 19	"Cupressymol"	July 2, 1921	July 5, 1921	K-113	263
69128	May 19	"Cupressymol"	July 2, 1921	July 5, 1921	K-113	261
69128	May 19	"Cupressymol"	Apr. 4, 1919	Apr. 8, 1919	Z-106	331
69128	May 19	Certain remedies	June 29, 1921	July 1, 1921	P-113	286
69147	May 19	Remedies for certain diseases	June 29, 1921	July 1, 1921	P-113	286
69147	May 19	Remedies for certain diseases	Apr. 4, 1919	Apr. 8, 1919	Z-106	331
	1909					
72322	Jan. 19	Remedies for certain diseases	Apr. 4, 1919	Apr. 8, 1919	Z-106	331
72322	Jan. 19	"Aldthyform"	July 2, 1921	July 5, 1921	K-113	260
72322	Jan. 19	"Aldthyform"	July 2, 1921	July 5, 1921	K-113	263
72322	Jan. 19	"Aldthyform"	July 2, 1921	July 5, 1921	K-113	261
74333	July 6	A remedy against gonorrhea and cystitis.	June 28, 1921	July 1, 1921	C-113	327
74333	July 6	A remedy against gonorrhea and cystitis.	Apr. 4, 1919	Apr. 8, 1919	F-107	17
75091	Aug. 31	Pharmaceutical preparations for treating disorders of the skin.	June 28, 1921	July 1, 1921	S-113	294
75091	Aug 31	Pharmaceutical preparations for treating disorders of the skin.	Apr. 4, 1919	Apr. 8, 1919	P-106	467
75300	Sept. 21	A remedy for rheumatism and gout.	June 28, 1921	July 1, 1921	P-113	273

No.	Date of registration.	For—	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
	1909					
75300	Sept. 21	A remedy for rheumatism and gout.	Apr. 4, 1919	Apr. 8, 1919	R-106	453
	1910					
77618	Apr. 26	Diuretic preparations	June 24, 1921	June 25, 1921	F-113	274
77618	Apr. 26	Diuretic preparations	Apr. 4, 1919	Apr. 8, 1919	Z-106	336
78065	May 31	Antiseptic mouth wash	June 24, 1921	June 25, 1921	F-113	274
78065	May 31	Antiseptic mouth wash	Apr. 4, 1919	Apr. 8, 1919	Z-106	336
78617	June 28	A medicinal preparation	June 28, 1921	July 1, 1921	S-113	294
78617	June 28	A medicinal preparation	Apr. 4, 1919	Apr. 8, 1919	P-106	467
80257	Nov. 22	Telescopes	June 24, 1921	June 25, 1921	O-113	240
80257	Nov. 22	Telescopes	Apr. 4, 1919	Apr. 8, 1919	N-106	479
80258	Nov. 22	Telescopes	June 24, 1921	June 25, 1921	O-113	240
80258	Nov. 22	Telescopes	Apr. 4, 1919	Apr. 8, 1919	N-106	479
	1911					
82837	July 25	Perfumery	June 29, 1921	July 1, 1921	V-113	328
82837	July 25	Perfumery	May 26, 1919	May 27, 1919	R-107	206
83417	Sept. 12	Soaps and soap powders	June 28, 1921	July 1, 1921	S-113	294
83417	Sept. 12	Soaps and soap powders	Apr. 4, 1919	Apr. 8, 1919	P-106	467
	1912					
85306	Feb. 6	Objective-lens system	June 24, 1921	June 25, 1921	O-113	240
85306	Feb. 6	Objective-lens systems	Apr. 4, 1919	Apr. 8, 1919	N-106	479
85307	Feb. 6	Objective-lens system	June 24, 1921	June 25, 1921	O-113	240
85307	Feb. 6	Objective-lens systems	Apr. 4, 1919	Apr. 8, 1919	N-106	479
85308	Feb. 6	Objective-lens system	June 24, 1921	June 25, 1921	O-113	240
85308	Feb. 6	Objective-lens systems	Apr. 4, 1919	Apr. 8, 1919	N-106	479
85309	Feb. 6	Field glasses	June 24, 1921	June 25, 1921	O-113	240
85309	Feb. 6	Field glasses	Apr. 4, 1919	Apr. 8, 1919	N-106	479
85310	Feb. 6	Field glasses	June 24, 1921	June 25, 1921	O-113	240
85310	Feb. 6	Field glasses	Apr. 4, 1919	Apr. 8, 1919	N-106	479
85329	Feb. 20	Certain optical goods	June 24, 1921	June 25, 1921	O-113	240
85329	Feb. 20	Certain optical goods	Apr. 4, 1919	Apr. 8, 1919	N-106	479
86333	Apr. 30	Cement for filling teeth	June 28, 1921	July 1, 1921	Z-113	360
86333	Apr. 30	Cement for filling teeth	Apr. 4, 1919	Apr. 8, 1919	U-106	372
86848	June 4	Dyes	June 28, 1921	July 1, 1921	B-113	327
86848	June 4	Dyes	Apr. 4, 1919	Apr. 8, 1919	N-106	473
	1913					
92716	July 22	Certain dental, medical, and surgical appliances.	June 28, 1921	July 1, 1921	Z-113	360
92716	July 22	Certain dental, medical, and surgical appliances.	Apr. 4, 1919	Apr. 8, 1919	U-106	372
93037	Aug. 12	Disinfectants and antiseptics	June 29, 1921	July 1, 1921	V-113	327
93037	Aug. 12	Disinfectants and antiseptics	Apr. 4, 1919	Apr. 8, 1919	B-106	499
93038	Aug. 12	Disinfectants and antiseptics	June 29, 1921	July 1, 1921	V-113	327
93038	Aug. 12	Disinfectants and antiseptics	Apr. 4, 1919	Apr. 8, 1919	B-106	499
93577	Sept. 23	Certain named measuring and scientific appliances.	June 24, 1921	June 25, 1921	O-113	240
93577	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
93578	Sept. 23	Certain named measuring and scientific appliances.	June 24, 1921	June 25, 1921	O-113	240
93578	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
93579	Sept. 23	Certain named measuring and scientific appliances.	June 24, 1921	June 25, 1921	O-113	240
93579	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
93580	Sept. 23	Certain named measuring and scientific appliances.	June 24, 1921	June 25, 1921	O-113	240
93580	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
93581	Sept. 23	Certain named measuring and scientific appliances.	June 24, 1921	June 25, 1921	O-113	240
93581	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
93582	Sept. 23	Certain named measuring and scientific appliances.	June 24, 1921	June 25, 1921	O-113	240

No.	Date of registration.	For—	Date of demand.	Demand recorded in records of the U. S. Patent Office.		
				Date of filing or recording.	Book.	Page.
	1913					
93582	Sept. 23	Certain named measuring and scientific appliances.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
93623	Sept. 30	Certain named optical goods	June 24, 1921	June 25, 1921	O-113	240
93623	Sept. 30	Certain named optical goods	Apr. 4, 1919	Apr. 8, 1919	N-106	479
94372	Dec. 2	Artificial wood	June 24, 1921	June 25, 1921	P-113	258
94372	Dec. 2	Artificial wood	Apr. 4, 1919	Apr. 8, 1919	Y-106	405
94409	Dec. 2	Objective-lens systems	June 24, 1921	June 25, 1921	O-113	240
94409	Dec. 2	Objective-lens systems	Apr. 4, 1919	Apr. 8, 1919	N-106	479
94692	Dec. 23	A remedy for gonorrhea	June 28, 1921	July 1, 1921	C-113	322
94692	Dec. 23	A remedy for gonorrhea	Apr. 4, 1919	Apr. 8, 1919	J-107	1
	1914					
96758	Apr. 28	A soporific preparation	June 28, 1921	July 1, 1921	C-113	327
96758	Apr. 28	A soporific preparation	Apr. 4, 1919	Apr. 8, 1919	F-107	17
97930	June 23	Surveying, photographic, and optical apparatus.	June 24, 1921	June 25, 1921	O-113	240
97930	June 23	Surveying, photographic, and optical apparatus.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
98561	July 21	Tanners' bark, quebracho bark, tanning extracts, corrosives, and catechutannic acid.	June 28, 1921	July 1, 1921	T-113	301
98561	July 21	Tanners' bark, quebracho bark, tanning extracts, corrosives, and catechutannic acid.	Apr. 4, 1919	Apr. 8, 1919	K-106	478
98562	July 21	Tanners' bark, quebracho bark, tanning extracts, corrosives, and catechutannic acid preserver for leather.	June 28, 1921	July 1, 1921	T-113	301
98562	July 21	Tanners' bark, quebracho bark, tanning extracts, corrosives, and catechutannic acid preserver for leather.	Apr. 4 1919	Apr. 8, 1919	K-106	478
100408	Oct. 20	Tanning greases and oils	June 28, 1921	July 1, 1921	T-113	301
100408	Oct. 20	Tanning greases and oils	Apr. 4, 1919	Apr. 8, 1919	K-106	478
100615	Oct. 20	Tanning greases and oils	June 28, 1921	July 1, 1921	T-113	301
100615	Oct. 20	Tanning greases and oils	Apr. 4, 1919	Apr. 8, 1919	K-106	478
100688	Oct. 20	Lenses for scientific use, prisms &c.	June 24, 1921	June 25, 1921	O-113	240
100688	Oct. 20	Lenses for scientific use, prisms &c.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
100689	Oct. 20	Lenses for scientific use, prisms &c.	June 24, 1921	June 25, 1921	O-113	240
100689	Oct. 20	Lenses for scientific use, prisms &c.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
	1915					
106131	Oct. 12	Certain named measuring and scientific appliances and parts thereof.	June 24, 1921	June 25, 1921	O-113	240
106131	Oct. 12	Certain named measuring and scientific appliances and parts thereof.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
106132	Oct. 12	Certain named measuring and scientific appliances and parts thereof.	June 24, 1921	June 25, 1921	O-113	240
106132	Oct. 12	Certain named measuring and scientific appliances and parts thereof.	Apr. 4, 1919	Apr. 8, 1919	N-106	479
	1916					
111674	July 25	Cement filling for teeth	June 28, 1921	July 1, 1921	Z-113	360
111674	July 25	Cement filling for teeth	Apr. 4, 1919	Apr. 8, 1919	U-106	372
111849	Aug. 8	Certain named surgical and dental appliances.	June 28, 1921	July 1, 1921	Z-113	360
111849	Aug. 8	Certain named surgical and dental appliances.	Apr. 4, 1919	Apr. 8, 1919	U-106	372

Memorandum attached to Plaintiff's Exhibit No. 136, corrections to Exhibit "G" to bill of complaint. (For explanation see stipulation, Plaintiff's Exhibit No. 135, Exhibit Book Vol. I, page 330.)

The Chemical Foundation, Incorporated, desires to state it was the intention of Francis P. Garvan, Alien Property Custodian, to assign, sell and deliver to the Chemical Foundation, Incorporated, and it was the intention of the Chemical Foundation, Incorporated, to receive the following patents, applications, serial numbers or trade-marks enumerated as follows, a typographical error appearing in same. Said errors being also listed in the following enumerations.

Page 128:

Application No. 102,021, the demand enumerating this application number was dated March 1, 1919, recorded March 26, 1919, Liber S-106, Page 357. This number is in error, the attention of both the Alien Property Custodian and the Chemical Foundation, Incorporated, being to seize application 192021.

Page 130:

Application 818,914. A typographical error appears to have been made in the assignment of this application. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to list application No. 818,974. The list of said applications being in numerical order 818,914 appears in the list in the place of 818,974.

Page 144:

Patent 738,820. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to convey

Patent No. 739,920. Demand dated Feb. 28, 1919, recorded March 22, 1919, Liber T-106, Page 258. Patent 738,820 appearing out of position in the numerical list attached as Exhibit "A."

Page 192:

Patent 1074893. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to assign Patent No. 1074993. Demand dated March 1, 1919, recorded March 25, 1919, Liber J-106, Page 331. Patent No. 1074893 as appearing in assignment is out of order in the numerical list attached as Exhibit "A."

Page 194:

Patent 1084559. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to sell and receive Patent 1084659. The demand dated Feb. 26, 1919, recorded March 22, 1919, J-106, Page 269. Said Patent No. 1084559 appearing out of the numerical order in Exhibit "A" attached to assignment.

Page 219:

Patent 1123842. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to sell and receive Patent 1123843 covered by demand dated March 1, 1919, recorded March 22, 1919, Liber X-106, Page 326. Patent 1123842 appearing out of numerical order in Exhibit "A" attached to assignment.

Page 238:

Trade-mark 52333. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to sell and receive Trade-mark 52223 covered by demand dated April 4, 1919, recorded April 8, 1919, Liber N-106, Page 457. Said Trade-mark 52333 appearing out of the regular order in the numerical list attached to assignment.

Page 248:

Trade-mark 13802. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to sell and receive Trade-mark 13803. Said Trade-mark 13803 covered by two demands dated April 4, 1919, recorded April 8, 1919, Liber M-107, Page 20, and June 24, 1921, recorded June 25, 1921, Liber I-113, Page 305. Trade-mark 13802 never having been demanded or seized. Said Trade-mark 13802 appears, however, in the numerical list in Exhibit "A" and is claimed to be in error.

Page 254:

Trade-mark 86317. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to sell and receive Trade-mark 87317 covered by demand dated April 4, 1919, recorded April 8, 1919, Liber L-106, Page 401.

Trade-mark 87768. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to sell and receive Trade-mark 86768 covered by demand dated April 4, 1919, recorded April 8, 1919, Liber E-106, Page 483. In the original assignment the figure 6 has been crossed out and 7 written above.

Page 346:

Patent 839587. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to sell and receive Patent 838406 covered by demand dated March 1, 1919, recorded March 24, 1919, Liber X-106, Page 377.

Page 350:

Patent 933853. The Bill of Complaint shows date of issue June 8, 1919, Title, "Stropping Device," covered by demand dated May 4, 1920, recorded August 26, 1920, Liber J-108, Page 269. It was the intention of Francis P. Garvan, Alien Property Custodian, and the Chemical Foundation, Incorporated, to sell and receive the Patent containing said number 933853. The error in this case being in the date of issue. The Patent Office records show September 14, 1919, as date of issue, the title shown by original patent "Hydrocarbon Burner."

The foregoing list covering fifty-two pages of corrections to be made in the Bill of Complaint after a complete check of the records of the Patent Office and the Alien Property Custodian's office with the original demands and assignments are correct and the same have been carefully checked. Also attached is a statement of two pages of the patents, trade-marks, etc., which the Alien Property Custodian, Francis P. Garvan, intended to sell, transfer and assign to the Chemical Foundation, Incorporated, and which said Chemical Foundation, Incorporated, intended to receive.

Checked by Chemical Foundation, Incorporated
Represented by

(Sgd.) J. R. ZIMMERMAN.

Checked by Alien Property Custodian
Represented by

(Sgd.) CARL J. SKINNER,
Chief of Patent Section.

Approved:

(Sgd.) W. W. WILSON,
General Counsel, Alien Property Custodian's Office.

EXHIBIT H-1.

ASSIGNMENT.

Whereas A. Mitchell Palmer, formerly Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did, during his incumbency of said office of Alien Property Custodian by virtue of requirements or demands issued under his hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to him certain letters patent of the United States and applications for letters patent of the United States which together with other letters patent and applications for letters patent are enumerated in Schedule A hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, subject to the rights of citizens of the United States or of friendly nations as stated in certain of the requirements or demands relating to said letters patent and applications for letters patent; and

Whereas I, Francis P. Garvan, was on the 4th day of March, 1919, duly appointed and thereafter duly qualified as Alien Property Custodian in succession of the said A. Mitchell Palmer; and

Whereas I, Francis P. Garvan, as Alien Property Custodian as aforesaid by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office and in the Office of the Register of Copyrights of the United States, have seized and required to be conveyed to me certain letters patent of the United States and applications for letters patent of the United States, certain trade-marks and registrations thereof and the business and good will appurtenant thereto, and certain copyrights and the certificates of registration thereof and the works upon which said copyrights were issued and certain rights, interests, and benefits under agreements, all of which are included in Schedules A, B, C, and D, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for the past infringement of said letters patent, trade-marks, and copyrights, subject to the rights of citizens of the United States or of friendly nations as stated in certain of the requirements or demands relating to said letters patent, applications for letters patent, trade-marks, and registrations thereof, copyrights, and rights, interests, and benefits; and

Whereas by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks, and similar rights, determined to belong to, or to be held for, or on account of, or on behalf of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto and by

another certain order bearing date the 5th day of April, 1919, concerning the sale, transfer, and release of certain copyrights, applications for letters patent, and applications for the registration of trade-marks and copyrights determined to belong to or to be held for, by, on account of or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, both made by Frank L. Polk under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent, applications for letters patent, trade-marks and registrations thereof, copyrights and rights, interests and benefits under agreements to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the letters patent of the United States, applications for letters patent of the United States, trade-marks and registrations thereof, copyrights and rights, interests and benefits under agreements enumerated in Schedules A, B, C, and D hereto annexed relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter.

Now, therefore, in consideration of the sum of two hundred and fifty thousand dollars ($250,000.00), paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents, do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.),

its successors and assigns, the whole right, title, and interest acquired by me and by said A. Mitchell Palmer, each as said Alien Property Custodian as aforesaid, in and to:

1. Each of the letters patent of the United States and applications for letters patent of the United States enumerated in Schedule A hereto annexed, together with all claims and demands for profits and damages recoverable at law or in equity for the past infringement of said letters patent of the United States against every person, firm, corporation, or government except the Government of the United States of America;

2. Each of the United States copyrights and the certificates of registration thereof and the works upon which said copyrights were granted, enumerated in Schedule B hereto annexed, together with all claims and demands for profits and damages recoverable at law or in equity for the past infringement of said copyrights against every person, firm, corporation, or government except the Government of the United States of America;

3. Each of the trade-marks, and the registrations thereof enumerated in Schedule C, hereto annexed and the business and good will appurtenant thereto, together with all claims and demands for profits and damages recoverable at law or in equity for the past infringement of said trade-marks against every person, firm, corporation, or government except the Government of the United States of America;

4. All of the rights, interests, and benefits under the agreements enumerated in Schedule C hereto annexed;

All as more specifically described and set forth in the requirements or demands relating to said letters

patent of the United States, applications for letters patent of the United States, trade-marks and registrations thereof, copyrights and rights, interests and benefits under agreements issued by said A. Mitchell Palmer, as Alien Property Custodian, or by me as Alien Property Custodian without any reservation or qualification whatsoever, whether by reason of anything contained in the charter or bylaws of the said the Chemical Foundation (Inc.), or otherwise, and subject only to the provisions of a certain release to the United States of America, bearing even date herewith, and to the rights of citizens of the United States or of friendly nations as set forth in the requirements or demands for certain of said letters patent of the United States, applications for letters patent, trademarks and registration thereof, copyrights and rights, interests and benefits under agreements.

I, as Alien Property Custodian as aforesaid, do hereby request the Commissioner of Patents to issue any letters patent granted upon any of the applications for letters patent enumerated in Schedule A hereto attached to the Chemical Foundation (Inc.), as the assignee of my entire right, title, and interest therein.

In witness whereof I have hereunto set my hand and seal of office this 10th day of April, 1919.

FRANCIS P. GARVAN,
Alien Property Custodian.

WASHINGTON,
District of Columbia, ss:

On this 10th day of April, 1919, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with

the enemy act," approved October 6, 1917, and the amendments thereto and the executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

ODEN B. GRAY,
Notary Public.

EXHIBIT H-2.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did by virtue of the requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me the following trade-marks and registrations thereof in the United States Patent Office:

Registration No.	Date.	Trade-mark.
68059	Mar. 3, 1908	Duron.
70391	Aug. 25, 1908	C. W. H. H.

together with the good will and business pertaining to said trade-marks and the certificates of registration of said trade-marks and every right, title, and interest with respect to said trade-marks, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement thereof, subject to the rights, if any, of Amid Duron Company and Arabol Manufacturing Company, as stated in said requirements or demands relating to said trade-marks; and

Whereas, by virtue of the authority quoted above I did also seize and require to be conveyed to

me all of the rights, interests, and benefits created in favor of or conferred upon Chemische Werke Hansa, G. m. b. H., Maritz Bernhard Max Knoblauch, liquidator of Chemische Werke Hansa, G. m. b. H., and Hansa Werke, A. G., pursuant to the terms of a certain agreement dated January 27, 1910, between Chemische Werke Hansa, G. m. b. H., and Arabol Manufacturing Company, granting to said Chemische Werke Hansa, G. m. b. H., its successors or assigns, certain rights with respect to stock ownership in a corporation thereafter to be formed; and by certain agreement believed to be dated between January 27, 1910, and February 11, 1910, between said Chemische Werke Hansa, G. m. b. H., and Amid Duron Company, the corporation formed pursuant to the terms of the agreement of January 27, 1910, above referred to, and granting to said Chemische Werke Hansa, G. m. b. H., a certain royalty in return for certain exclusive rights with respect to patents and trade-marks belonging to said Chemische Werke Hansa, G. m. b. H.; and also all rights and interests to and in any sum or sums of money hereafter accruing in favor of or becoming due or payable to said Chemische Werke Hansa, G. m. b. H., its successors or assigns, under the terms of said agreements; and also all claims and demands whatsoever created or existing in favor of or conferred upon said enemy against Amid Duron Company, and Arabol Manufacturing Company; and

Whereas, by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks, and similar rights, determined to belong to, or to be held for, or on account of, or on behalf of, or for the benefit of persons determined to be

enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, made by Frank L. Polk under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent, trade-marks, and similar rights, to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas, I have determined that the trade-marks and the rights, interests, and benefits created pursuant to the provisions of the agreements above set forth, relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter:

Now, therefore, in consideration of the sum of fifty dollars ($50.00) paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents, do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the following trade-marks and registrations thereof in the United States Patent Office:

Registration No.	Date.	Trade-mark.
68059	Mar. 3, 1908	Duron.
70391	Aug. 25, 1908	C. W. H. H.

together with the good will and business pertaining to said trade-marks and the certificates of registration of said trade-marks and every right, title, and

interest with respect to said trade-marks, including all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, subject to the rights, if any, of Amid Duron Company and Arabol Manufacturing Company; and also all of the rights, interests, and benefits created in favor of or conferred upon Chemische Werke Hansa, G. m. b. H., and Hansa Werke, A. G., pursuant to the terms of a certain agreement dated January 27, 1910, between Chemische Werke Hansa, G. m. b. H., and Arabol Manufacturing Company, granting to said Chemische Werke Hansa, G. m. b. H., its successors or assigns, certain rights with respect to stock ownership in a corporation thereafter to be formed; and by certain agreement believed to be dated between January 27, 1910, and February 11, 1910, between said Chemische Werke Hansa, G. m. b. H., and Amid Duron Company, the corporation formed pursuant to the terms of the agreement of January 27, 1910, above referred to, and granting to said Chemische Werke Hansa, G. m. b. H., a certain royalty in return for certain exclusive rights with respect to patents and trade-marks belonging to said Chemische Werke Hansa, G. m. b. H.; and also all rights and interests to and in any sum or sums of money hereafter accruing in favor of or becoming due or payable to said Chemische Werke Hansa, G. m. b. H., its successors or assigns, under the terms of said agreements; and also all claims and demands whatsoever created or existing in favor of or conferred upon said enemy against Amid Duron Company and Arabol Manufacturing Company;

To be held and enjoyed by the said assignee above named, as fully and entirely as the same would have been enjoyed by Chemische Werke Hansa, G. m. b. H.,

Maritz Bernhard Max Knoblauch, liquidator of Chemische Werke Hansa, G. m. b. H., and Hansa Werke, A. G., had no sale and assignment of said rights and interests been made.

In witness whereof, I have hereunto set my hand and seal of office this 2nd day of May, 1919.

FRANCIS P. GARVAN,
Alien Property Custodian.

STATE OF NEW YORK,
County of New York, ss:

On this 2nd day of May, 1919, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified and acting under the provisions of the act of Congress known as the "trading with the enemy act" approved October 6, 1917, and the amendments thereto and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

A. C. PARHAM,
Notary Public, Richmond County 354,
Certificate filed in New York Co., No. 58.

EXHIBIT H-3.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did, by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me the following letters patent of the United States:

Patent No.	Date of issue	Title.
1231933	July 3, 1917	Compass for ships or the like.
1186339	June 6, 1916	Gyroscopic compass.
1186688	June 13, 1916	Gyroscopic compass.
1228061	May 29, 1917	Device for damping oscillations of a gyroscope pendulum.
794654	July 11, 1905	Gyroscope.
841612	Jan. 15, 1907	Suspension of rotating apparatus and magnetic compass.
877034	Jan. 21, 1908	Gyroscope.
973611	Oct. 25, 1910	Gyroscope.
1019582	Mar. 5, 1912	Gyroscope.
1092816	Apr. 14, 1914	Gyroscope compass.
1141099	June 1, 1915	Artificial horizon.
1173241	Feb. 29, 1916	Gyroscope apparatus.
1180365	Apr. 25, 1916	Method of gyroscope control.
1180815	Apr. 25, 1916	Gyroscope compass.

together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, subject to the rights, if any, of the Sperry Gyroscope Company as stated in the said requirements or demands relating to said letters patent; and

Whereas, by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent,

trade-marks and similar rights, determined to belong to, or to be held for, or on account of, or on behalf of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, made by Frank L. Polk under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the letters patent herein enumerated relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter.

Now, therefore, in consideration of the sum of five hundred dollars ($500.00) paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents, do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the following letters patent of the United States:

Patent No.	Date of issue.	Title
1231933	July 3, 1917	Compass for ships or the like.
1186339	June 6, 1916	Gyroscopic compass.
1186686	June 13, 1916	Gyroscopic compass.
1228061	May 29, 1917	Device for damping oscillations of a gyroscope pendulum.
794654	July 11, 1905	Gyroscope.
841612	Jan. 15, 1907	Suspension of rotating apparatus and magnetic compass.
877034	Jan. 21, 1908	Gyroscope.
973611	Oct. 25, 1910	Gyroscope.
1019582	Mar. 5, 1912	Gyroscope.
1092816	Apr. 14, 1914	Gyroscope compass.
1141099	June 1, 1915	Artificial horizon.
1173241	Feb. 29, 1916	Gyroscope apparatus.
1180365	Apr. 25, 1916	Method of gyroscopic control.
1180815	Apr. 25, 1916	Gyroscope compass.

together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, subject to the rights, if any, of the Sperry Gyroscope Company.

In witness whereof, I have hereunto set my hand and seal of office this 6th day of May, 1919.

Witness:

J. A. LODER.

[SEAL.] FRANCIS P. GARVAN,
Alien Property Custodian.

DISTRICT OF COLUMBIA, *ss*:

On this 6th day of May, 1919, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] ALVIN G. BELT,
Notary Public, District of Columbia.

Term expires January 4, 1921.

EXHIBIT H-4.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did, by virtue of a requirement or demand issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me the following letters patent of the United States:

Patent No.	Date of issue	Title.
868397	Oct. 15, 1907	Transforming nozzle for obtaining kinetic energy from flowing gases and vapors.

together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent; and

Whereas, by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks, and similar rights, determined to belong to, or to be held for, or on account of, or on behalf of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, made by

Frank L. Polk under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that letters patent number 868397, issued October 15, 1907, for transforming nozzle for obtaining kinetic energy from flowing gases and vapors relates to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter:

Now, therefore, in consideration of the sum of fifty dollars ($50.00) paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the following letters patent of the United States:

Patent No.	Date of issue.	Title.
868397	Oct. 15, 1907	Transforming nozzle for obtaining kinetic energy from flowing gases and vapors.

together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent.

In witness whereof I have hereunto set my hand and seal of office this 15th day of May, 1919.

[SEAL.] FRANCIS P. GARVAN,
Alien Property Custodian.

STATE OF NEW YORK,
County of New York, ss:

On this 15th day of May, 1919, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

A. C. PARHAM,
Notary Public, Richmond County.

Certificate filed in New York County, No. 58.

EXHIBIT H-5.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders and proclamations issued in pursuance thereof, did, by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me the letters patent of the United States and applications for letters patent of the United States, enumerated in Schedule A hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent; and

Whereas by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks, and similar rights, determined to belong to or to be held for or on account of or on behalf of or for the benefit of persons determined to be enemies, not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto and by another certain order bearing date the 5th day of April, 1919, concerning the sale, transfer, and release of certain copyrights, applications for letters patent,

and applications for the registration of trade-marks and copyrights determined to belong to or to be held for, by, on account of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President, within the purview of the "trading with the enemy act" and the amendments thereto, both made by Frank L. Polk, under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent, applications for letters patent, trade-marks and registrations thereof and copyrights to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the letters patent and applications for letters patent enumerated in Schedule A, hereto attached, relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter:

Now, therefore, in consideration of the sum of thirty-six hundred and fifty dollars ($3,650.00) paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents, do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the letters patent of the United States and the applications for letters patent of the United States enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past

infringement of said letters patent; and I do hereby request the Commissioner of Patents to issue any letters patent granted upon said applications for letters patent, enumerated in Schedule A, hereto attached, to the said the Chemical Foundation (Inc.), as the assignee of my entire right, title, and interest therein.

In witness whereof I have hereunto set my hand and seal of office this 17th day of June, 1919.

[SEAL.] FRANCIS P. GARVAN,
Alien Property Custodian.

Witness:
J. A. LODER.

DISTRICT OF COLUMBIA, *ss:*

On this 17th day of June, 1919, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] ALVIN G. BELT,
Notary Public, District of Columbia.

Commission expires January, 1921.

EXHIBIT H-6.

ASSIGNMENT.

Whereas A. Mitchell Palmer, formerly Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders and proclamations issued in pursuance thereof, did during his incumbency of said office of Alien Property Custodian, by virtue of requirements or demands issued under his hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to him certain letters patent of the United States and applications for letters patent of the United States which, together with other letters patent and applications for letters patent, are enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or Government for past infringement of said letters patent, subject to the rights of citizens of the United States or of friendly nations as stated in certain of the requirements or demands relating to said letters patent and applications for letters patent; and

Whereas I, Francis P. Garvan, was on the 4th day of March, 1919, duly appointed and thereafter duly qualified as Alien Property Custodian in succession of the said A. Mitchell Palmer; and

Whereas I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, have seized and required to be conveyed to me certain letters patent of the United States and applications for letters patent of the United States, certain trade-marks and registrations thereof and the business and good will appurtenant thereto, and certain rights, interests, and benefits under agreements all of which are included in Schedules A, B, and C, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or Government for the past infringement of said letters patent, trade-marks, subject to the rights of citizens of the United States or of friendly nations as stated in certain of the requirements or demands relating to said letters patent, applications for letters patent, trade-marks and registrations thereof, and rights, interests, and benefits; and

Whereas by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks, and similar rights, determined to belong to or to be held for or on account of or on behalf of or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto and by another certain order bearing date the 5th day of April, 1919, concerning the sale, transfer, and release of certain applications for letters patent and applications for the registration of trade-marks de-

termined to belong to or to be held for, by, on account of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, both made by Frank L. Polk, under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent, applications for letters patent, trademarks and registrations thereof, and rights, interests, and benefits under agreements to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the letters patent of the United States, applications for letters patent of the United States, trade-marks, and registrations thereof, and rights, interests, and benefits under agreements enumerated in Schedules A, B, and C, hereto annexed, relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter.

Now, therefore, in consideration of the sum of four hundred and fifty dollars ($450.00), paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the whole right, title, and interest acquired by me and by said A. Mitchell Palmer, each as said Alien Property Custodian as aforesaid in and to:

1. Each of the letters patent of the United States and applications for letters patent of the United States enumerated in Schedule A, hereto annexed, together with all claims and demands for profits and damages recoverable at law or in equity for the past infringement of said letters patent of the United States against every person, firm, corporation, or government except the Government of the United States of America.

2. Each of the trade-marks and the registrations thereof enumerated in Schedule B, hereto annexed and the business and good will appurtenant thereto, together with all claims and demands for profits and damages recoverable at law or in equity for the past infringements of said trade-marks against every person, firm, corporation, or government except the Government of the United States of America.

3. All of the rights, interests, and benefits under the agreements enumerated in Schedule C, hereto annexed.

All as more specifically described and set forth in the requirements or demands relating to said letters patent of the United States, applications for letters patent of the United States, trade-marks and registrations thereof, and rights, interests, and benefits under agreements issued by said A. Mitchell Palmer, Alien Property Custodian, or by me as Alien Property Custodian, without any reservation or qualification whatsoever, whether by reason of anything contained in the charter or by-laws of the said the Chemical Foundation (Inc.), or otherwise and subject only to the provisions of a certain release to the United States of America, bearing even date herewith, and to the rights of citizens of the United States or of friendly nations as set forth in the requirements or

demands for certain letters patent of the United States, applications for letters patent, trade-marks and registrations thereof, and rights, interests, and benefits under agreements.

I, as Alien Property Custodian as aforesaid, do hereby request the Commissioner of Patents to issue any letters patent granted upon any of the applications for letters patent enumerated in Schedule A, hereto attached, to the Chemical Foundation (Inc.), as the assignee of my entire right, title, and interest therein.

In witness whereof, I have hereunto set my hand and seal of office this 21st day of June, 1919.

[SEAL.] FRANCIS P. GARVAN.

Witness:

J. A. LODER.

CITY OF WASHINGTON,

District of Columbia, ss:

On this 21st day of June, 1919, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] ODEN B. GRAY,
Notary Public.

My commission expires Oct. 13, 1920.

EXHIBIT H-7.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders and proclamations issued in pursuance thereof, did, by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me the letters patent of the United States enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, or corporation, or government for past infringement thereof; and

Whereas by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks, and similar rights, determined to belong to or to be held for or on account of or on behalf of or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, and by another certain order bearing date the 5th day of April, 1919, concerning the sale, transfer, and release of cer-

tain copyrights, applications for letters patent, and applications for the registration of trade-marks and copyrights determined to belong to or to be held for, by, on account of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, both made by Frank L. Polk, under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent, applications for letters patent, trade-marks, and registrations thereof and copyrights to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the letters patent enumerated in Schedule A, hereto attached, relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter:

Now, therefore, in consideration of the sum of ten hundred and fifty dollars ($1,050.00) paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents, do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the letters patent of the United States enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law

or in equity from any person, firm, corporation, or government for past infringement thereof.

In witness whereof, I have hereunto set my hand and seal of office this 17th day of October, 1919.

[SEAL.] FRANCIS P. GARVAN,
Alien Property Custodian

Attest:
M. SCOTT HILL.

DISTRICT OF COLUMBIA, *ss:*

On this 27th day of October, 1919, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

ALVIN G. BELT,
Notary Public, District of Columbia.

Commission expires January, 1921.

EXHIBIT H-8.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders and proclamations issued in pursuance thereof, did, by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me the applications for letters patent of the United States enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto; and

Whereas by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks and similar rights, determined to belong to, or to be held for, or on account of, or on behalf of or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act," and the amendments thereto and by another certain order bearing date the 5th day of April, 1919, concerning the sale, transfer, and release of certain copyrights, applications for letters patent, and applications for the registration of trade-marks and copyrights determined to belong to or to be held for,

by, on account of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, both made by Frank L. Polk, under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent, applications for letters patent, trade-marks and registrations thereof and copyrights to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the applications for letters patent of the United States enumerated in Schedule A, hereto attached, relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter:

Now therefore, in consideration of the sum of eleven hundred dollars ($1,100) paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents, do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the applications for letters patent of the United States enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto; and I hereby request the Commissioner of Patents to issue any letters patent granted upon any of the applications for letters patent enumerated in Schedule A, hereto attached, to the Chemical Foundation (Inc.)

as the assignee of my entire right, title, and interest therein.

In witness whereof, I have hereunto set my hand and seal of office this 9th day of December, 1919.

[SEAL.] FRANCIS P. GARVAN,
Alien Property Custodian.

Attest:
M. SCOTT-HILL.

CITY OF WASHINGTON,
District of Columbia, ss:

On this 12th day of December, 1919, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] ODEN B. GRAY,
Notary Public.

My commission expires Oct. 12, 1920.

EXHIBIT H-9.

ASSIGNMENT.

Whereas A. Mitchell Palmer, formerly Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did during his incumbency of said office of Alien Property Custodian by virtue of requirements or demands issued under his hand and seal of office, seize and required to be conveyed to him certain choses in action and rights, interests, and benefits under agreements, enumerated in Schedule A hereto attached, together with every right, title, and interest with respect thereto, subject to the rights of citizens of the United States or of friendly nations as stated in certain requirements and demands relating to said choses in action and rights, interests, and benefits under agreement; and

Whereas I, Francis P. Garvan, was on the 4th day of March, 1919, duly appointed and thereafter duly qualified as Alien Property Custodian in succession of the said A. Mitchell Palmer; and

Whereas by a certain order bearing date the 26th day of February, 1919, and of another order bearing date the 5th day of April, 1919, both made by Frank L. Polk under authority of Executive order of December 3, 1918, and by a certain Executive order bearing date the 13th day of February, 1920, I am empowered to sell such choses in action, rights, interests, and benefits under agreements and rights and claims

of every character and description to the Chemical Foundation (Inc.), a corporation organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the choses in action and rights, interests, and benefits under agreements enumerated in Schedule A hereto annexed relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I desire to ratify and confirm certain assignments of said choses in action and rights, interests, and benefits under agreements heretofore made by me on the 10th day of April, 1919, and on the 21st day of June, 1919;

Now, therefore, in consideration of the sum of two hundred and fifty thousand dollars ($250,000) heretofore paid by the said the Chemical Foundation (Inc.), upon the execution and delivery of the said prior assignment of April 10th, 1919, and the further sum of four hundred and fifty dollars ($450) heretofore paid by the said the Chemical Foundation (Inc.), upon execution and delivery of the said prior assignment of June 21st, 1919, receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian, as aforesaid, by these presents do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the whole right, title, and interest acquired by the said A. Mitchell Palmer as said Alien Property Custodian as aforesaid, in and to the choses in action and rights, interests, and benefits under agreements enumerated in Schedule A hereto annexed, all as more fully set

forth in the requirements or demands relating to said choses in action and rights, interests, and benefits under agreements issued by said A. Mitchell Palmer as Alien Property Custodian, subject to the provisions of a certain release to the United States of America bearing date the 10th day of April, 1919, and to the rights of citizens of the United States or of friendly nations as set forth in the requirements or demands relating to certain of said choses in action and rights, interests, and benefits under agreements; and I do hereby ratify and confirm said prior assignments of said choses in action and rights, interests, and benefits under agreements made by me as Alien Property Custodian as aforesaid, the 10th day of April, 1919, and the 21st day of June, 1919.

In witness whereof I have hereunto set my hand and seal of office this 26th day of February, 1920.

FRANCIS P. GARVAN,
Alien Property Custodian.

STATE OF NEW YORK,
County of New York, ss:

On this 26th day of February, 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

A. C. PARHAM,
Notary Public, Richmond County.

Certificate filed in New York County.

EXHIBIT H-10.

ASSIGNMENT.

Whereas I, Francis P. Garvan, as Alien Property Custodian, by virtue of requirements or demands issued under my hand and seal, have seized and required to be conveyed to me certain choses in action and rights, interests, and benefits under agreements enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto, subject to the rights of citizens of the United States or of friendly nations as stated in certain requirements and demands relating to said choses in action and rights, interests, and benefits under agreements; and

Whereas, by a certain order bearing date the 26th day of February, 1919, and of another order bearing date the 5th day of April, 1919, both made by Frank L. Polk under authority of Executive order of December 3, 1918, and by a certain Executive order bearing date the 13th day of February, 1920, I am empowered to sell such choses in action, rights, interests, and benefits under agreements and rights and claims of every character and description to the Chemical Foundation (Inc.), a corporation organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.) as expressed and defined in its charter; and

Whereas, I have determined that the choses in action and rights, interests, and benefits under agree-

ments enumerated in Schedule A, hereto annexed, relate to the objects and purposes of the said the Chemical Foundation (Inc.) as expressed and defined in its charter;

Now, therefore, in consideration of the sum of three hundred dollars ($300.00) paid by the said the Chemical Foundation (Inc.), upon the execution and delivery of these presents, receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents do sell, assign and transfer and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the whole right, title, and interest acquired by me as Alien Property Custodian as aforesaid, in and to the choses in action and rights, interests, and benefits under agreements enumerated in Schedule A, hereto annexed, all as more fully set forth in requirements and demands relating to said choses in action and rights, interests, and benefits under agreements issued by me as Alien Property Custodian, subject, however, to the rights of citizens of the United States or friendly nations, as set forth in the requirements or demands relating to certain of said choses in action and rights, interests, and benefits under agreements.

In witness whereof I hereunto set my hand and seal of office this 26th day of February, 1920.

FRANCIS P. GARVAN,
Alien Property Custodian.

DISTRICT OF COLUMBIA:

On this 26th day of February, 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with

the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

ALVIN G. BELT,
Notary Public, District of Columbia.
Commission expires January, 1921.

EXHIBIT H-11.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did, by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me certain letters patent of the United States and certain trade-marks and registrations thereof and the business and good will appurtenant thereto, enumerated in Schedules A and B, respectively, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent and trade-marks; and

Whereas, by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks, and similar rights determined to belong to, or to be held for, or on account of, or on behalf of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, made by Frank L. Polk under authority of Executive order of

December 3, 1918, I am empowered to sell such letters patent and trade-marks and registrations thereof to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the letters patent and trade-marks enumerated in Schedules A and B, respectively, hereto attached, relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter—

Now, therefore, in consideration of the sum of twenty-three hundred dollars ($2,300.00) paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the letters patent of the United States and trade-marks enumerated in Schedules A and B, respectively, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent and trade-marks, subject, however, to the rights of citizens of the United States or friendly nations, as set forth in the requirements or demands relating to certain of said letters patent and trade-marks.

In witness whereof I have hereunto set my hand and seal of office this 9th day of March, 1920.

[SEAL.] FRANCIS P. GARVAN,
Alien Property Custodian.

DISTRICT OF COLUMBIA, *ss:*

On this 9th day of March, 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

ALVIN G. BELT,
Notary Public, District of Columbia.

Commission expires Jan., 1921.

EXHIBIT H-12.

ASSIGNMENT.

Whereas, I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did, by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me certain letters patent of the United States and a certain application for letters patent of the United States, enumerated in Schedules A and B, respectively, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, subject to the rights of citizens of the United States or of friendly nations as stated in certain of the requirements or demands relating to said letters patent and application for letters patent; and

Whereas, by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks and similar rights, determined to belong to, or to be held for, or on account of, or on behalf of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the

enemy act" and the amendments thereto, and by another certain order bearing date the 5th day of April, 1919, concerning the sale, transfer, and release of certain copyrights, applications for letters patent, and applications for the registration of trade-marks and copyrights determined to belong to or to be held for, by, on account of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, both made by Frank L. Polk, under authority of Executive order of December 3, 1918.

I am empowered to sell such letters patent and applications for letters patent, trade-marks, and registrations thereof and copyrights to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas, I have determined that the letters patent and application for letters patent enumerated in Schedules A and B, respectively, hereto attached relate to the objects and purposes of the said the Chemical Foundation (Inc.) as expressed and defined in its charter.

Now, therefore, in consideration of the sum of seventeen hundred and fifty dollars ($1,750.00) paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents, do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the letters patent of the United States and the application for letters patent of the

United States, enumerated in Schedules A and B, respectively, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, subject to the rights of citizens of the United States or of friendly nations as stated in certain of the requirements or demands relating to said letters patent and application for letters patent; and I do hereby request the Commissioner of Patents to issue any letters patent granted upon said application for letters patent, enumerated in Schedule B hereto attached, to the said the Chemical Foundation (Inc.), as the assignee of my entire right, title, and interest therein.

In witness whereof, I have hereunto set my hand and seal of office this 4th day of May, 1920.

[SEAL.] FRANCIS P. GARVAN,
Alien Property Custodian.

Witness:
M. SCOTT HILL.

DISTRICT OF COLUMBIA, *ss:*

On this 7th day of May, 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] ALVIN G. BELT,
Notary Public, District of Columbia.

Commission expires January, 1921.

EXHIBIT H-13.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did, by certain assignments made, executed, and delivered by me as Alien Property Custodian, as aforesaid, convey to the Chemical Foundation (Inc.), a corporation organized and existing under and by virtue of the laws of the State of Delaware, certain letters patent of the United States theretofore by me as Alien Property Custodian seized and acquired to be conveyed to me; and

Whereas it was intended to seize and to convey to the said the Chemical Foundation (Inc.), by said assignments, all letters patent of the United States belonging to, or held for, by, on account of, or on behalf of, or for the benefit of persons determined to be enemies or allies of enemies as defined by the said "trading with the enemy act," which relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter and not otherwise disposed of by me as Alien Property Custodian, saving only the rights of citizens of the United States or friendly nations, as stated in certain of the requirements or demands relating to said letters patent; and

Whereas I, as Alien Property Custodian, as aforesaid, did, by virtue of requirements or demands issued

under my hand and seal at office and duly recorded in the United States Patent Office, seize and require to be conveyed to me certain letters patent of the United States enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recovable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, subject to the rights of citizens of the United States or of friendly nations, as stated in certain of the requirements or demands relating to said letters patent; and

Whereas by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks, and similar rights, determined to belong to, or to be held for, or on account of, or on behalf of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, made by Frank L. Polk under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent to the said the Chemical Foundation (Inc.) as I determine relate to the objects and purposes of the said the Chemical Foundations (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the letters patent enumerated in Schedule A, hereto attached, relate to the objects and purposes of the said the Chemical Foundation (Inc.) as expressed and defined in its charter:

Now, therefore, in consideration of the sum of five thousand ($5,000.00) dollars and of the several sums

paid upon the execution and delivery of the said previous assignments by the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, the said Francis P. Garvan, as Alien Property Custodian, as aforesaid, by these presents, do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the letters patent of the United States enumerated in Schedule A attached hereto, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent except such infringements as arose from the use or manufacture by or for the United States of any invention described in and covered by any of said patents, subject to the rights of citizens of the United States or of friendly nations as stated in certain of the requirements or demands relating to said letters patent.

In witness whereof, I have hereunto set my hand and seal of office this 15th day of May, 1920.

FRANCIS P. GARVAN,
Alien Property Custodian.

Witness:
SOPHIE HILLMAN.

DISTRICT OF COLUMBIA, *ss:*

On this 15th day of May, 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and

proclamations issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

ALVIN G. BELT,
Notary Public, District of Columbia.

Term expires January 4, 1921.

EXHIBIT H-14.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did, by virtue of an instrument in writing bearing my hand and seal of office and dated June 17th, 1919, for a valuable consideration, sell, assign, transfer, and set over to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, every right, title, and interest in and to an application for letters patent of the United States identified as follows: Date of filing, February 12, 1919; title, improvements in trimethyl acetyl salicylic acid compound. (Filed by C. P. Goepel without $15.00 fee.)

And whereas I did in said instrument in writing request the Commissioner of Patents to issue any letters patent granted upon said application to the said the Chemical Foundation (Inc.), as the assignee of my entire right, title, and interest therein, and,

Whereas said application matured into letters patent of the United States identified as follows:

No.	Date of issue.	Title.
1338297	Apr. 27, 1920	Trimethyl-acetyl-salicylic-acid compound.

And whereas said letters patent of the United States were erroneously issued to me as Alien Property Custodian of the United States; and

Whereas I desire to correct said erroneous issuance of said letters patent of the United States:

Now, therefore, in consideration of the premises and of the valuable consideration already paid to me as Alien Property Custodian of the United States by the said the Chemical Foundation (Inc.), I, the said Francis P. Garvan, as Alien Property Custodian, as aforesaid, by these presents do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, my entire right, title, and interest in and to said letters patent of the United States.

In witness whereof I have hereunto set my hand and seal of office this 20th day of July, 1920.

[SEAL.] FRANCIS P. GARVAN,
Alien Property Custodian.

Attest:
M. SCOTT-HILL.

DISTRICT OF COLUMBIA, *ss:*

On this 20th day of July, 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the trading with the enemy act, approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] ALVIN G. BELT,
Notary Public, D. C.

EXHIBIT H-15.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did, by certain assignments made, executed, and delivered by me as Alien Property Custodian, as aforesaid, convey to the Chemical Foundation (Incorporated), a corporation organized and existing under and by virtue of the laws of the State of Delaware, certain letters patent of the United States theretofore by me as Alien Property Custodian seized and required to be conveyed to me; and

Whereas it was intended to seize and to convey to the said the Chemical Foundation (Incorporated) by said assignments all letters patent of the United States belonging to, or held for, by, on account of, or on behalf of, or for the benefit of persons determined to be enemies or allies of enemies, as defined by the said "trading with the enemy act," which relate to the objects and purposes of the said the Chemical Foundation (Incorporated), as expressed and defined in its charter and not otherwise disposed of by me as Alien Property Custodian, saving only the rights of citizens of the United States or of friendly nations, as stated in certain of the requirements or demands relating to said letters patent; and

Whereas I, as Alien Property Custodian, as aforesaid, did by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office seize and require to be conveyed to me certain letters patent of the United States enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, subject to the rights of citizens of the United States or of friendly nations, as stated in certain of the requirements or demands relating to said letters patent; and

Whereas by certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trademarks, and similar rights, determined to belong to, or to be held for, or on account of, or on behalf of, or for the benefit of persons determined to be enemies not holding a license granted by the President within the purview of the "trading with the enemy act" and the amendments thereto, made by Frank L. Polk under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent to the said the Chemical Foundation (Incorporated) as I determine relate to the objects and urposes of the said the Chemical Foundation (Incorporated) as expressed and defined in its charter; and

Whereas I have determined that the letters patent enumerated in Schedule A, hereto attached, relate to the objects and purposes of the said the Chemical Foundation (Incorporated) as expressed and defined in its charter; and

Whereas I desire to confirm an assignment of said letters patent enumerated in Schedule A, hereto attached, to the Chemical Foundation (Incorporated), made May 15, 1920, which assignment was not recorded within the statutory period;

Now, therefore, in consideration of the sum of five thousand ($5,000.00) dollars and of the several sums paid upon the execution and delivery of the said previous assignments by the Chemical Foundation (Incorporated), receipt whereof is hereby acknowledged, I, the said Francis P. Garvan, as Alien Property Custodian, as aforesaid, by these presents, do sell, assign, transfer, and set over unto the said the Chemical Foundation (Incorporated), its successors and assigns, the letters patent of the United States enumerated in Schedule A, attached hereto, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, except such infringements as arose from the use or manufacture by or for the United States of any invention described in and covered by any of said patents, subject to the rights of citizens of the United States or of friendly nations as stated in certain of the requirements or demands relating to said letters patent.

In witness whereof, I have hereunto set my hand and seal of office this 21st day of Dec., 1920.

FRANCIS P. GARVAN.

(Signed) J. R. ZIMMERMAN.

DISTRICT OF COLUMBIA, *ss:*

On this 21st day of Dec., 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified and acting under the provisions of the act of Congress, known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] (Signed) ALVIN G. BELT,
Notary Public, D. C.

EXHIBIT H-16.

ASSIGNMENT.

Whereas I, Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did, by virtue of requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me certain letters patent of the United States as follows:

Patent No.	Inventor.	Date of issue.	Title.
1057174	Rudolph Schilling	Mar. 25, 1913	Apparatus for separating floating matter from effluents.
1192569	Rudolph Schilling	July 25, 1916	Apparatus for clarifying waste waters.

together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent; and

Whereas by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, trade-marks, and similar rights, determined to belong to, or to be held for, or on account of, or on behalf of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the Presi-

dent within the purview of the "trading with the enemy act" and the amendments thereto, made by Frank L. Polk under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent, and trade-marks and registrations thereof, to the Chemical Foundation (Incorporated), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Incorporated), as expressed and defined in its charter; and

Whereas I have determined that the said letters patent above mentioned relate to the objects and purposes of the said the Chemical Foundation (Incorporated), as expressed and defined in its charter; and

Whereas, I desire to confirm an assignment of said letters patent above mentioned to the Chemical Foundation (Incorporated) made March 9, 1920, which assignment was not recorded within the statutory period:

Now, therefore, in consideration of the sum of one hundred dollars ($100.00) paid by the said the Chemical Foundation (Incorporated), receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents do sell, assign, transfer, and set over unto the said the Chemical Foundation (Incorporated), its successors and assigns, the said letters patent of the United States as follows:

Patent No.	Inventor.	Date of issue.	Title.
1057174	Rudolph Schilling	Mar. 25, 1913	Apparatus for separating floating matter from effluents.
1192560	Rudolph Schilling	July 25, 1916	Apparatus for clarifying waste waters.

together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent.

In witness whereof, I have hereunto set my hand and seal of office this 21st day of Dec., 1920.

(Signed.) FRANCIS P. GARVAN,
Alien Property Custodian.

(Signed.) J. R. ZIMMERMAN.

DISTRICT OF COLUMBIA, *ss:*

On this 21st day of Dec., 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] (Signed) ALVIN G. BELT,
Notary Public, D. C.

EXHIBIT H-17.

ASSIGNMENT.

Whereas A. Mitchell Palmer, formerly Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did during his incumbency of said office of Alien Property Custodian by virtue of requirements or demands issued under his hand and seal of office, seize and require to be conveyed to him certain choses in action and rights, interests, and benefits under agreements, enumerated in Schedule A hereto attached, together with every right, title, and interest with respect thereto, subject to the rights of citizens of the United States or of friendly nations as stated in certain requirements and demands relating to said choses in action and rights, interests, and benefits under agreements; and

Whereas I, Francis P. Garvan, was on the 4th day of March, 1919, duly appointed and thereafter duly qualified as Alien Property Custodian in succession of the said A. Mitchell Palmer; and

Whereas by certain order bearing date the 26th day of February, 1919, and of another order bearing date the 5th day of April, 1919, both made by Frank L. Polk under authority of Executive order of December 3, 1918, and by a certain Executive order bearing date the 13th day of February, 1920, I am empowered to sell such choses in action, rights, interests, and benefits

under agreements and rights and claims of every character and description to the Chemical Foundation (Incorporated), a corporation organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Incorporated), as expressed and defined in its charter; and

Whereas I have determined that the choses in action and rights, interests, and benefits under agreements enumerated in Schedule A, hereto annexed, relate to the objects and purposes of the said the Chemical Foundation (Incorporated), as expressed and defined in its charter; and

Whereas I desire to ratify and confirm certain assignments of said choses in action and rights, interests, and benefits under agreements heretofore made by me on the 10th day of April, 1919, and on the 21st day of June, 1919; and

Whereas I desire to confirm a ratifying and confirming assignment of the said choses in action and rights, interests, and benefits under agreements enumerated in Schedule A, hereto annexed, to the Chemical Foundation (Incorporated), made on the 26th day of February, 1920, which ratifying and confirming assignment was not recorded within the statutory period:

Now, therefore, in consideration of the sum of two hundred and fifty thousand dollars ($250,000) heretofore paid by the said The Chemical Foundation (Incorporated), upon the execution and delivery of the said prior assignment of April 10th, 1919, and the further sum of four hundred and fifty dollars ($450) heretofore paid by the said the Chemical Foundation (Incorporated) upon execution and delivery of the

said prior assignment of June 21st, 1919, receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian, as aforesaid, by these presents do sell, assign, transfer, and set over unto the said The Chemical Foundation (Incorporated), its successors and assigns, the whole right, title, and interest acquired by the said A. Mitchell Palmer as said Alien Property Custodian, as aforesaid, in and to the choses in action and rights, interests, and benefits under agreements enumerated in Schedule A hereto annexed, all as more fully set forth in the requirements or demands relating to said choses in action and rights, interests, and benefits under agreements issued by said A. Mitchell Palmer as Alien Property Custodian, subject to the provisions of a certain release to the United States of America bearing date the 10th day of April, 1919, and to the rights of citizens of the United States or of friendly nations as set forth in the requirements or demands relating to certain of said choses in action and rights, interests, and benefits under agreements; and I do hereby ratify and confirm said prior assignments of said choses in action and rights, interests, and benefits under agreements made by me as Alien Property Custodian, as aforesaid, the 10th day of April, 1919, and the 21st day of June, 1919.

In witness whereof, I have hereunto set my hand and seal of office this 21st day of Dec., 1920.

(Signed) FRANCIS P. GARVAN,
Alien Property Custodian.

(Signed) J. R. ZIMMERMAN.

DISTRICT OF COLUMBIA, *ss:*

On this 21st day of Dec., 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian, as aforesaid.

[SEAL.] (Signed) ALVIN G. BELT,
Notary Public, D. C.

EXHIBIT H-18.

ASSIGNMENT.

Whereas I, Francis P. Garvan, as Alien Property Custodian, by virtue of requirements or demands issued under my hand and seal, have seized and required to be conveyed to me certain choses in action and rights, interests, and benefits under agreements enumerated in Schedule A, hereto attached, together with every right, title, and interest with respect thereto, subject to the rights of citizens of the United States or of friendly nations as stated in certain requirements and demands relating to said choses in action and rights, interests, and benefits under agreements; and

Whereas by a certain order bearing date the 26th day of February, 1919, and of another order bearing date the 5th day of April, 1919, both made by Frank L. Polk, under authority of Executive order of December 3, 1918, and by a certain Executive order bearing date the 13th day of February, 1920, I am empowered to sell such choses in action, rights, interests, and benefits under agreements and rights and claims of every character and description to the Chemical Foundation (Incorporated), a corporation organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Incorporated) as expressed and defined in its charter; and

Whereas I have determined that the choses in action and rights, interests, and benefits under agreements

enumerated in Schedule A, hereto annexed, relate to the objects and purposes of the said the Chemical Foundation (Incorporated) as expressed and defined in its charter; and

Whereas I desire to confirm an assignment of the choses in action and rights, interests, and benefits under agreements enumerated in Schedule A, hereto annexed, to the Chemical Foundation (Incorporated), made February 26, 1920, which assignment was not recorded within the statutory period:

Now, thereof, in consideration of the sum of three hundred dollars ($300.00) paid by the said the Chemical Foundation (Incorporated), upon the execution and delivery of these presents, receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents do sell, assign, and transfer and set over unto the said the Chemical Foundation (Incorporated), its successors and assigns, the whole right, title, and interest acquired by me as Alien Property Custodian as aforesaid in and to the choses in action and rights, interests, and benefits under agreements enumerated in Schedule A, hereto annexed, all as more fully set forth in requirements and demands relating to said choses in action and rights, interests, and benefits under agreements issued by me as Alien Property Custodian, subject, however, to the rights of citizens of the United States or friendly nations, as set forth in the requirements or demands relating to certain of said choses in action and rights, interests, and benefits under agreements.

In witness whereof I hereunto set my hand and seal of office this 21st day of Dec., 1920.

(Signed.) FRANCIS P. GARVAN,
Alien Property Custodian.

(Signed.) J. R. ZIMMERMAN.

DISTRICT OF COLUMBIA, *ss:*

On this 21st day of Dec., 1920, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] (Signed) ALVIN G. BELT,
Notary Public, D. C.

EXHIBIT H-19.

ASSIGNMENT.

Whereas A. Mitchell Palmer, formerly Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders and proclamations issued in pursuance thereof, did during his incumbency of said office of Alien Property Custodian, by virtue of certain requirements or demands issued under his hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to him certain letters patent of the United States, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, subject to the rights of citizens of the United States or of friendly nations as stated in the requirements or demands relating to said letters patent; and

Whereas I, Francis P. Garvan, was, on the 4th day of March, 1919, duly appointed and thereafter duly qualified as Alien Property Custodian in succession of the said A. Mitchell Palmer; and

Whereas I, Francis P. Garvan, as Alien Property Custodian as aforesaid, likewise acting under the provisions of the act of Congress known as the "trading with the enemy act," and the amendments thereto, and the Executive orders and proclamations issued in pur-

suance thereof, did by virtue of certain requirements or demands issued under my hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to me certain letters patent of the United States, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for the past infringement of said letters patent, subject to the rights of citizens of the United States or of friendly nations as stated in the requirements or demands relating to said letters patent; and

Whereas by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of letters patent, trade-marks, and rights under letters patent and trade-marks and similar rights, determined to belong to or to be held for, by, or on account of, or on behalf of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act," and the amendments thereto, and by another certain order bearing date the 5th day of April, 1919, concerning the sale, transfer, and release of copyrights, the certificates of registration thereof, and the publications upon which said registrations were granted; applications for letters patent and for the registration of trade-marks and copyrights and all rights thereunder and similar rights determined to belong to or to be held for, by, or on account of, or on behalf of, or for the benefit of, persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act," and the

amendments thereto, both made by Frank L. Polk under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent, trademarks, and rights under letters patent and trademarks; copyrights and the certificates of registration thereof and the publications upon which said registrations were granted; applications for letters patent and for the registration of trade-marks and copyrights and of rights thereunder, and similar rights, to the Chemical Foundation (Incorporated), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I from time to time shall determine relate to the objects and purposes of the said the Chemical Foundation (Incorporated), as expressed and defined in its charter; and

Whereas I have determined that the letters patent of the United States, enumerated in Schedule A, hereto attached and made part hereof, relate to the objects and purposes of the said the Chemical Foundation (Incorporated), as expressed and defined in its charter.

Now, therefore, in consideration of the sum of five thousand dollars ($5,000.00) paid by the said the Chemical Foundation (Incorporated), upon the execution and delivery of this assignment, the receipt whereof is hereby acknowledged, I, Francis P. Garvan, as Alien Property Custodian as aforesaid, by these presents do sell, assign, transfer, and set over unto the said the Chemical Foundation (Incorporated), its successors and assigns, the whole right, title, and interest acquired by me and by said A. Mitchell Palmer, each as said Alien Property Custodian as aforesaid, in and to each of the letters patent of the

United States enumerated in Schedule A, hereto attached and made part hereof, and as are more specifically described and set forth in the requirements and demands relating to said letters patent of the United States issued by said A. Mitchell Palmer, Alien Property Custodian, or by me as Alien Property Custodian.

Together with every right, title, and interest with respect thereto or in any way arising from or based or dependent upon the same, without any reservation or qualification whatsoever except as herein provided, and to the full extent to which I am or may become entitled to the same, including all claims and demands for profits and damages recoverable at law, or in equity from any person, firm, corporation, or government either for use or past infringement of said letters patent excepting, however, such use or infringements arising from the use or manufacture by or for the United States Government as represented by the Secretary of the Navy or any department of the United States Government, of any invention described in and covered by any of said letters patent, and subject to the terms and provisions of a certain license to the United States Government as represented by the Secretary of the Navy and his successor in office, bearing date the 20th day of December, 1920, and to the rights of citizens of the United States or of friendly nations as stated and set forth in the requirements and demands relating to said letters patent, so that the said the Chemical Foundation (Incorporated) shall stand in my place and stead in all respects as the owner of said letters patent and rights ancillary thereto or thereupon dependent.

In witness whereof, I have as Alien Property Custodian only hereunto set my hand and seal of office this 19th day of February, 1921.

FRANCIS P. GARVAN.

Witness:

F. A. LEVERING, JR.

CITY OF WASHINGTON,

District of Columbia, ss:

On this 19th day of February, 1921, before me personally came and appeared Francis P. Garvan, as Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders and proclamations issued in pursuance thereof, and he thereupon duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid and for the uses and purposes therein stated.

ALVIN G. BELT,

Notary Public, District of Columbia.

Commission expires Dec. 16, 1925.

EXHIBIT I.

Whereas I, Francis P. Garvan, as Alien Property Custodian, and my predecessor in the said office, acting under the authority conferred upon the Alien Property Custodian by the act of Congress known as "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders and proclamations issued in pursuance thereof, did seize, by certain seizure orders, certain letters patent, application therefor, copyrights, certificates of registration thereof, publications upon which such registrations were granted, trade-marks, the good will and business pertaining thereto, rights, interests, and benefits under agreements, and, together with the foregoing certain rights, claims, demands, interests, and choses in action, some of which were connected with or appurtenant to the same; and

Whereas by the said act of Congress and the amendments thereto, and by certain of said orders dated respectively February 26, 1919, and April 5, 1919, the Alien Property Custodian was authorized to sell to the Chemical Foundation (Inc.), a corporation organized and existing under and by virtue of the laws of the State of Delaware, certain of the said letters patent and other property above referred to; and

Whereas I, Francis P. Garvan, as Alien Property Custodian, pursuant to said authority vested in me, for valuable consideration and at such places and upon such terms and conditions as to myself, as Alien

Property Custodian, seemed proper, did sell to said the Chemical Foundation (Inc.), at private sale without public or other advertisement, certain of the said letters patent and other property, which letters patent and other property I, as Alien Property Custodian, from time to time determine to relate to the objects and purposes of said the Chemical Foundation (Inc.), as expressed and defined in its charter, and in effectuation of the said sales did execute and deliver to said the Chemical Foundation (Inc.) certain assignments in writing, in which assignments the patents, applications therefor, copyrights, and trade-marks assigned are enumerated, and which assignments are dated and recorded as follows:

(1) Assignment dated April 10, 1919, recorded as to patents, applications therefor, and trade-marks in the United States Patent Office on April 21, 1919, in liber Y 107, page 1 of Transfers of Patents, and recorded as to copyrights in the Library of Congress, Copyright Office, on April 15, 1919, in Copyright Office book 81, pages 181 to 186.

(2) Assignment dated May 2, 1919, recorded in the United States Patent Office on May 21, 1919, in liber J 107, page 152 of Transfers of Patents.

(3) Assignment dated May 6, 1919, recorded in the United States Patent Office on May 21, 1919, in liber A 107, page 229 of Transfers of Patents.

(4) Assignment dated May 15, 1919, recorded in the United States Patent Office on May 21, 1919, in liber X 107, page 188 of Transfers of Patents.

(5) Assignment dated June 17, 1919, recorded in the United States Patent Office on June 27, 1919, in liber L 107, page 242 of Transfers of Patents.

(6) Assignment dated June 21, 1919, recorded in the United States Patent Office on July 10, 1919, in liber H 107, page 259 of Transfers of Patents.

(7) Assignment dated October 17, 1919, recorded in the United States Patent Office on November 14, 1919, in liber P 108, page 441 of Transfers of Patents.

(8) Assignment dated December 9, 1919, recorded in the United States Patent Office on December 19, 1919, in liber Z 109, page 69 of Transfers of Patents.

(9) Assignment dated February 26, 1920, recorded in the United States Patent Office on December 21, 1920.

(10) Assignment dated February 26, 1920, recorded in the United States Patent Office on December 21, 1920.

(11) Assignment dated March 9, 1920, recorded in the United States Patent Office on March 11, 1920, in liber X 108, page 435 of Transfers of Patents.

(12) Assignment dated May 4, 1920, recorded in the United States Patent Office on May 20, 1920, in liber X 109, page 199 of Transfers of Patents.

(13) Assignment dated May 15, 1920, recorded in the United States Patent Office on November 1, 1920, in liber E 111, page 319 of Transfers of Patents.

(14) Assignment dated July 20, 1920, recorded in the United States Patent Office on July 27, 1920, in liber B 111, page 66 of Transfers of Patents.

(15) Assignment dated December 21, 1920, recorded in the United States Patent Office on December 21, 1920.

(16) Assignment dated December 21, 1920, recorded in the United States Patent Office on December 21, 1920.

(17) Assignment dated December 21, 1920, recorded in the United States Patent Office on December 21, 1920.

(18) Assignment dated December 21, 1920, recorded in the United States Patent Office on December 21, 1920.

(19) Assignment dated February 19, 1921, recorded in the United States Patent Office on February 23, 1921; and

Whereas it was the intention of myself as Alien Property Custodian and of said the Chemical Foundation (Inc.), in agreeing upon the said sales and in executing, delivering, and receiving the said assignments that the said assignments should assign and convey to said the Chemical Foundation (Inc.), not only the letters patent and other property specifically referred to in and assigned by the said assignments, but also with such exceptions as are specifically stated in said assignments, all rights, claims, demands, interests, and choses in action of every character and description acquired by the Alien Property Custodian by virtue of the seizures whereby the said letters patent and other property were seized; and

Whereas doubt has arisen as to whether the language of the said assignments is in fact and in law sufficient and effectual to carry out the true intent and purpose aforesaid of the said sales and to assign and convey to said the Chemical Foundation (Inc.), all of the said rights, claims, demands, interests, and choses in action acquired by the Alien Property Custodian as aforesaid; and

Whereas doubt has arisen as to the authority of the Alien Property Custodian to sell and convey to the said the Chemical Foundation (Inc.), certain of the said choses in action, rights, interests, benefits under agreements, and rights and claims, including rights to receive moneys by way of royalties or otherwise, as compensation for the use of patents, trade-marks, or trade-names; and

Whereas in one of the above-mentioned Executive orders, the same being dated February 13, 1920,

among other things it is recited that it was the intention of the above-mentioned orders dated February 26, 1919, and April 5, 1919, respectively, to authorize the Alien Property Custodian to sell and convey thereunder, all choses in action, rights, interests, and benefits under agreements and rights and claims of every character and description including rights to receive moneys by way of royalties or otherwise as compensation for the use of patents, trade-marks, or trade-names, which the Alien Property Custodian may have seized under the provisions of the "trading with the enemy act" as amended, and which he had from time to time determined to relate to the object and purposes of said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas the Alien Property Custodian is authorized by said Executive order dated February 13, 1920, to sell at private sale, without public or other advertisement, to said the Chemical Foundation (Inc.), at such place and upon such terms and conditions as to the Alien Property Custodian may seem proper, all choses in action, rights, interests, and benefits under agreements and rights and claims of every charter and description which the Alien Property Custodian may seize or may have seized under the provisions of the "trading with the enemy act" and the amendments thereto, then or thereafter enacted and which he from time to time shall determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas the Alien Property Custodian is also authorized by said Executive order dated February

13, 1920, in the case of sales theretofore made by him of any property which he is authorized to sell by virtue of said Executive order dated February 13, 1920, but as to which his authority to sell the same under the said orders of February 26, 1919, and April 5, 1919, may be deemed doubtful to confirm and ratify the said sales by the execution and delivery of a suitable instrument of confirmation:

Now therefore, I, Francis P. Garvan, as Alien Property Custodian, by virtue of the authority conferred upon me by said "trading with the enemy act," as amended, and by the Executive orders, orders and proclamations issued in pursuance thereof, do hereby for the purpose of effectuating the true intent of the parties to said assignments, confirm and ratify the sale and assignment to said the Chemical Foundation (Inc.), of, and do hereby for valuable consideration heretofore received by me, sell, assign, transfer, and set over to said the Chemical Foundation (Inc.), all property, including (but not thereby limiting the generality of the foregoing) letters patent, rights under letters patent, applications for letters patent and rights thereunder, copyrights, rights under copyrights, certificates of registrations thereof, the publications upon which such registrations were granted, trade-marks, rights under trade-marks, together with the good will and business pertaining thereto, including all profits and damages recoverable at law or in equity for past infringement with respect to any and all of the foregoing, choses in action, rights, interests, and benefits under agreements, and rights and claims of every character and description with respect to all of the foregoing, seized by me as Alien Property Custodian, or by my predecessor in such office specifically referred to in and assigned by said assignments, and I do

hereby confirm and ratify the sale and assignment of and do hereby sell, assign, transfer, and set over to said the Chemical Foundation (Inc.), all choses in action, rights, interests, and benefits under agreements, and rights and claims of every character and description growing out of and appurtenant to the ownership of said property, including (but not thereby limiting the generality of the foregoing) rights to receive moneys by way of royalties or otherwise as compensation for the use of patents, copyrights, and trademarks, and all right, title, and interest in and to the choses in action and the funds referred to in section 10, subsection (f) of the "trading with the enemy act," as amended, acquired by the Alien Property Custodian by virtue of the seizures by which there were seized patents, copyrights, or trade-marks, under which a license had theretofore been granted in accordance with the provisions of section 10, subsection (c) of said act, as amended, all of which property I, as Alien Property Custodian, from time to time have determined and do hereby determine to relate to the objects and purposes of said the Chemical Foundation (Inc.), as expressed and defined in its charter; the intent and purpose of this instrument being to vest in said the Chemical Foundation (Inc.), every right, title, interest, claim, and demand, save such as are specifically excepted in and by the said assignments, acquired by the Alien Property Custodian by virtue of the seizures whereby the said property was seized.

In witness whereof, I have hereunto set my hand and seal of office this 1st day of March, 1921.

[SEAL.] FRANCIS P. GARVAN,
Alien Property Custodian.

DISTRICT OF COLUMBIA, *ss:*

On this 1st day of March, 1921, before me came Francis P. Garvan, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] ODEN B. GRAY,
Notary Public.

My commission expires October 4, 1925.

EXHIBIT J.

ASSIGNMENT.

Whereas A. Mitchell Palmer was on the twenty-second day of October, 1917, duly appointed and thereafter duly qualified as Alien Property Custodian, and Francis P. Garvan was on the fourth day of March, 1919, duly appointed and thereafter duly qualified as Alien Property Custodian in succession of the said A. Mitchell Palmer, and either the said A. Mitchell Palmer or the said Francis P. Garvan, acting under the provisions of the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders and proclamations issued in pursuance thereof, did during his incumbency of said office of Alien Property Custodian by virtue of requirements or demands issued under his hand and seal of office and duly recorded in the United States Patent Office, seize and require to be conveyed to him certain letters patent of the United States and applications for letters patent of the United States, which letters patent and applications for letters patent are enumerated in Schedules A and B, hereto attached and made part hereof, together with every right, title, and interest with respect thereto, including all damages and profits recoverable at law or in equity from any person, firm, corporation, or government for past infringement of said letters patent, subject to the rights of citizens of the United States or of friendly nations as stated in certain of the requirements or demands relating to

said letters patent and applications for letters patent; and

Whereas I, Thomas W. Miller, was on the twelfth day of March, 1921, duly appointed and thereafter, to wit, on the 16th day of March, 1921, duly qualified as Alien Property Custodian in succession of the said Francis P. Garvan; and

Whereas by a certain order bearing date the 26th day of February, 1919, concerning the sale, transfer, and release of certain rights under letters patent, determined to belong to or to be held for or on account of or on behalf of or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act," and the amendments thereto, and by another certain order bearing date the 5th day of April, 1919, concerning the sale, transfer, and release of certain applications for letters patent determined to belong to or to be held for, by, on account of, or for the benefit of persons determined to be enemies not holding a license or licenses granted by the President within the purview of the "trading with the enemy act," and the amendments thereto, both made by Frank L. Polk, under authority of Executive order of December 3, 1918, I am empowered to sell such letters patent, applications for letters patent, and rights, interests, and benefits under agreements to the Chemical Foundation (Inc.), a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, as I determine relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter; and

Whereas I have determined that the letters patent of the United States and the applications for letters patent of the United States enumerated in Schedules A and B, hereto attached and made a part hereof, relate to the objects and purposes of the said the Chemical Foundation (Inc.), as expressed and defined in its charter.

Now, therefore, in consideration of the sum of five hundred and fifty dollars ($550.00) paid by the said the Chemical Foundation (Inc.), receipt whereof is hereby acknowledged, I, Thomas W. Miller, as Alien Property Custodian, as aforesaid, by these presents do sell, assign, transfer, and set over unto the said the Chemical Foundation (Inc.), its successors and assigns, the whole right, title, and interest acquired by me, or by said A. Mitchell Palmer, or by said Francis P. Garvan, each as said Alien Property Custodian as aforesaid, in and to

Each of the letters patent of the United States and each of the applications for letters patent of the United States enumerated in Schedules A and B, hereto attached, and as are more specifically described and set forth in the requirements and demands relating to said letters patent of the United States and said applications for letters patent of the United States issued by said A. Mitchell Palmer, or by said Francis P. Garvan, as said Alien Property Custodian as aforesaid.

Together with every right, title, and interest with respect thereto or in any way arising from or based or dependent upon the same, without any reservation or qualification whatsoever, except as herein provided, and to the full extent to which I am or may become entitled to the same, including all claims and demands for profits and damages recoverable at law, or in

equity from any person, firm, corporation, or Government either for use or past infringement of said letters patent and said applications for letters patent, excepting, however, such use or infringements arising from the use or manufacture by or for the United States Government as represented by the Secretary of the Navy or any Department of the United States Government, of any invention described in and covered by any of said letters patent and said applications for letters patent and subject to the terms and provisions of a certain license to the United States Government as represented by the Secretary of the Navy and his successor in office, bearing date the 20th day of December, 1920, and to the rights of citizens of the United States or of friendly nations, as stated and set forth in the requirements and demands relating to said letters patent and to said applications for letters patent, so that the said the Chemical Foundation (Incorporated) shall stand in my place and stead in all respects as the owner of said letters patent and said applications for letters patent and rights ancillary thereto or thereupon dependent; and I do hereby request the Commissioner of Patents to issue any letters patent granted upon said application for letters patent, enumerated in Schedule B, thereto attached, to the said the Chemical Foundation (Inc.), as the assignee of my entire right, title, and interest therein.

In witness whereof I have hereunto set my hand and seal of office this 27th day of April, 1921.

[SEAL.] THOMAS W. MILLER,
Alien Property Custodian.

Witness:
GEO. H. WILSON.

DISTRICT OF COLUMBIA, *ss:*

On this 27th day of April, 1921, before me came Thomas W. Miller, Alien Property Custodian, duly appointed, qualified, and acting under the provisions of the act of Congress, known as the "trading with the enemy act," approved October 6, 1917, and the amendments thereto, and the Executive orders and proclamations issued in pursuance thereof, and he duly acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

[SEAL.] ALVIN G. BELT,
Notary Public, District of Columbia.

My commission expires Dec. 18, 1925.

SCHEDULE A

Inventor.	Patent No.	Date of issue.	Title.
Carl A. Hirth	909300	Jan. 12, 1909	Feeding device for machine tools and the like.
Carl A. Hirth	1048073	Dec. 24, 1912	Gage.
Carl A. Hirth	1049800	Jan. 7, 1913	Micrometer gage.
Paulin Karl Kunze	1059545	Apr. 22, 1913	Device for obtaining intimate contact with, engaging, or clamping bodies of any shape.
Johannes Loose	1150441	Aug. 17, 1915	Flexible coupling.
Carl A. Hirth	1162720	Nov. 30, 1915	Measuring tool.
Johannes Loose	1201318	Oct. 17, 1916	Grinding machine.
Carl A. Hirth	1244090	Oct. 23, 1917	Machine bearing.
Otto Graul Gottfried Hanschke Franz Webel	1298829	Apr. 1, 1919	Producing isoprene.

SCHEDULE B

Inventor.	Serial No.	Filing date.	Title.
Carl A. Hirth	636030	July 29, 1911	Ball bearings.
Carl A. Hirth	748875	Feb. 17, 1913	Gage.

EXHIBIT K.

ASSIGNMENT.

Whereas heretofore Francis P. Garvan as Alien Property Custodian, acting under and by virtue of the authority conferred upon the Alien Property Custodian, by the act of Congress known as the "trading with the enemy act," approved October 6, 1917, and amendments thereto, and the Executive orders, orders, and proclamations issued in pursuance thereof, did, by various instruments of assignment duly executed, delivered, and recorded in the office of the Commissioner of Patents, for valuable consideration actually paid by the Chemical Foundation (Incorporated), to said Francis P. Garvan as Alien Property Custodian, sell, assign, transfer, and set over unto the said the Chemical Foundation (Incorporated), certain trade-marks and registrations thereof in the United States Patent Office, enumerated in Schedule A hereto annexed, together with the good will and business pertaining to said trade-marks and the certificates of registrations thereof in the United States Patent Office and all property and property rights appurtenant thereto, and every right, title, and interest in respect to said trade-marks and registrations thereof, acquired by said Francis P. Garvan as Alien Property Custodian, and by his predecesor in said office; and

Whereas it was the intention of said instruments of assignment to convey unto said the Chemical Foundation (Incorporated) said trade-marks and registrations thereof in the United States Patent

Office, together with the good will and business pertaining thereto and all property and property rights appurtenant thereto and every right, title, and interest in respect thereto which said Francis P. Garvan as Alien Property Custodian and his predecessor and successor in the said office then had or might have duly acquired, or should in the future duly acquire; and

Whereas the Alien Property Custodian is authorized by Executive order dated February 13, 1920, to sell at private sale, without public or other advertisement, to said the Chemical Foundation (Incorporated), at such place and upon such terms and conditions as to the Alien Property Custodian may seem proper, all choses in action, rights, interests, and benefits under agreements and rights and claims of every character and description which the Alien Property Custodian may seize or may have seized under the provisions of the "trading with the enemy act" and the amendments thereto, then or thereafter enacted and which he from time to time shall determine relate to the objects and purposes of the said the Chemical Foundation (Incorporated), as expressed and defined in its charter; and

Whereas I, Thomas W. Miller, as Alien Property Custodian, have determined that it is proper, to fully carry out the objects, intention, and purposes of said assignments and to perfect the title of the said the Chemical Foundation (Incorporated) to said trademarks and the registrations thereof in the United States Patent Office, together with the good will and business pertaining thereto and all property and property rights appurtenant thereto and every right, title, and interest in respect thereto, to execute and deliver

to said the Chemical Foundation (Incorporated) a supplemental assignment thereof; and

Whereas I, Thomas W. Miller, as Alien Property Custodian, have determined that the trade-marks and registrations thereof in the United States Patent Office, enumerated in Schedule A, hereto annexed and made a part hereof, together with the good will and business pertaining thereto and all property and property rights appurtenant thereto, and every right, title, and interest in respect thereto, relate to the objects and purposes of said the Chemical Foundation (Incorporated), as expressed and defined in its charter.

Now, therefore, I, Thomas W. Miller, as Alien Property Custodian as aforesaid by virtue of the authority conferred upon me by said "trading with the enemy act" as amended, and the Executive orders, orders, and proclamations issued in pursuance thereof, do hereby, to effectuate the true intent of the parties to said assignments and for the reasons and to effectuate the purposes hereinbefore expressed, confirm and ratify the sale and assignment heretofore made to the Chemical Foundation (Incorporated), and do hereby, for valuable consideration heretofore paid to my predecessor in office, sell, convey, transfer, and set over to the said the Chemical Foundation (Incorporated), its successors and assigns, the whole right, title, and interest acquired by me and by my predecessors in said office, in and to each of the trade-marks and registrations thereof in the United States Patent Office enumerated in Schedule A, hereto attached and made a part hereof, and as more specifically described and set forth in the requirements and demands relating to said trade-marks and registrations thereof issued by me and/or by my predecessors in said office, together

with the good will and business pertaining to said trade-marks, and the certificates of registration of said trade-marks, and all property and property rights appurtenant thereto, and every right, title, and interest with respect to said trademarks, without any reservation or qualification whatsoever, except as herein provided, and to the full extent to which I, as Alien Property Custodian, and my predecessors in said office, ever were, and to which I, as Alien Property Custodian, now am, or may hereafter become, entitled to the same, including all claims and demands for profits and damages recoverable at law or in equity from any person, firm, corporation, or government, either for the use or past infringement of said trade-marks, subject to the rights of citizens of the United States or of friendly nations as stated and set forth in the requirements and demands relating to said trade-marks and registrations thereof in the United States Patent Office, so that the said the Chemical Foundation (Incorporated) shall stand in the place and stead of the Alien Property Custodian in all respects as the owner of said trade-marks and registrations thereof and rights ancillary thereto, or thereupon dependent.

In witness whereof I have hereunto set my hand and seal of office this 5th day of Nov., 1921.

(Signed) THOMAS W. MILLER,
Alien Property Custodian.

DISTRICT OF COLUMBIA, *ss:*

On this 5th day of November, 1921, before me came Thomas W. Miller, Alien Property Custodian, duly appointed, qualified and acting under the provisions of the act of Congress, known as the "trading with

the enemy act," approved October 6, 1917, and the amendments thereto and the Executive orders issued in pursuance thereof, and he only acknowledged to me that he executed the foregoing instrument as Alien Property Custodian as aforesaid.

ODEN B. GRAY,
Notary Public.

My commission expires October 4, 1925.

EXHIBIT L.

Royalties accrued upon licenses granted by Federal Trade Commissio under patents which were attempted to be assigned and transferre to said the Chemical Foundation (Incorporated).

Licensee.	Product.	Royalties ac crued prior to preten ed transfer t said the Chemical Foundation (Incorpo- rated).
The Dermatological Research Labs., Philadelphia, Pa.	Arsphenamine & Neo (introduced as "salvarsan" & "neo-salvarsan," resp.).	$35,447.3
Takamine Laboratory, Inc., New York City	Arsphenamine & neo (introduced as "salvarsan" & "neo-salvarsan," resp.).	1,574.9
Farbwerke-Hoechst Company, New York City.	Arsphenamine (introduced as "salvarsan")	6,293.2
D.	Neo-arsphenamine (introduced as "neo-salvarsan").	Non
Do	Procaine (introduced as "novocain")	3,812.8
Do	Procaine (introduced as "novocain")	5,756.7
Hector Chemical Company, New York City	Sewage treatment (Imhoff)	7,812.8
Pacific Flush Tank Company, Chicago, Ill.	Arsphenamine & neo (introduced as "salvarsan" & "neo-salvarsan," resp.).	17,003.6
Diarsenol Company, Inc., Buffalo, N. Y.	Procaine (introduced as "novocain")	1,638.2
The Abbott Laboratories, Chicago, Ill.	Impregnation of wood (Rüping)	21,603.7
Lembcke, von Bernuth Company, Inc., (now Bernuth Lembcke Co., Inc.), New York City.	Procaine (introduced as "novocain")	Non
Calco Chemical Company, Bound Brook, N. J.	Galvanic cells	Non
French Battery & Carbon Company, Madison, Wis.	Phenyl cinchoninic acid	138.8
The Abbott Laboratories, Chicago, Ill.	Anthracene dyes	Non
E. I. DuPont de Nemours & Company, Wilmington, Del.	Solid hydrosulfites	Non
Do	Indigo	Non
Do	Sulphur dyes	Non
Do	Azo dyes	Non
Do	Artificial milk	Non
Albert B. Moses, Seattle, Wash.	Ball mill	Non
F. L. Smidth & Company, New York City	Solid hydrosulfites	21 8
E. C. Klipstein & Sons Company	Anthracene dyes	Non
National Aniline & Chemical Co., New York City.	Indigo	Non
Do	Sulphur dyes	Non
Do	Azo dyes	146.2
Do	Drying cylinder	Non
The Stearns-Roger Mfg. Company, Denver, Colo.	Solid hydrosulfites	Non
Merrimac Chemical Company, Boston, Mass.	Arsphenamine (introduced as "salvarsan")	13,408.5
H. A. Metz Laboratories, Inc., New York City.	Neo-arsphenamine (introduced as "neo-salvarsan").	3,659.6
Do	Procaine (introduced as "novocain")	7,901.3
Do	Absorption tower	202.
General Ceramics Company, New York City	Tanning agents	3,221 2
E. C. Klipstein & Sons Co., New York City	Digitalis extract	77.8
Merck & Company, New York City		

EXHIBIT L—Continued

Royalties accrued upon licenses granted by Federal Trade Commission under patents which were attempted to be assigned and transferred to said the Chemical Foundation (Incorporated)—Continued.

Licensee.	Product.	Royalties accrued prior to pretended transfer to said the Chemical Foundation (Incorporated).
The Draeger Oxygen Apparatus Co. (now American Atmos Corporation), Wilkinsburg, Pa.	Artificial breathing apparatus method causing artificial respiration.	$246.50
Do	Artificial breathing apparatus; resuscitating device.	504.50
Do	Battery for absorbing carbonic acid such as used in breathing apparatus.	2,661.83
Do	Portable breathing apparatus; universal coupling.	7.28
Do	"Pulmotor" (trade-mark)	35.00
Reinechild Chemical Company, Manhattan N. Y.	Agar-agar cascara product; agar-agar cascara product & process of making same.	1,728.34
Arma Engineering Company, New York City	Gyroscopic compasses	None
The Ault & Wiborg Company (tsfd. to Cincinnati Chemical Works, Inc.), Cincinnati, Ohio.	Red azo lake	712.06
Central Dyestuff & Chemical Co., Newark, N. J.	Red azo lake & process of making same	None.
Ultro Chemical Corporation, New York City	Blue red lake & process of making same	192.47
Consolidated Color & Chemical Co., New York City.	Vat dyestuff	None.
Do	Blue vat dyestuff & process of making same	None.
Do	Red Violet dye & process of making same	None.
Do	Red vat dye	None.
Do	Vat dye & process of making same	None.
Do	Violet blue vat dyestuffs	None.
Do	Vat dyeing coloring matter	None.
Division of Laboratories & Research of New York State Dept. of Health, Albany, N. Y	Arsphenamine (introduced as "salvarsan")	None.
Semet-Solvay Company, Solvay, N. Y	Manufacture of ammonia	None.
Massachusetts State Dept. of Health, Boston, Mass.	Arsphenamine (introduced as "salvarsan")	11.14
Horatio Nelson Frazer (tsfd. to Chemical Refining Syndicate), Brooklyn, N. Y.	Process of preparing camphor	None.
Green & Bauer, Hartford, Conn.	Process and apparatus for producing Roentgen rays; Roentgen ray tube.	None.
The Sperry Gyroscope Company, Brooklyn, N. Y.	Gyroscopic compasses	None
Total		$135,765.91

EXHIBIT M.

THE WHITE HOUSE,
Washington, July 1, 1922.

MY DEAR COLONEL MILLER: My attention has been called by the Department of Justice to the fact that a corporation known as the Chemical Foundation has brought suit against the Treasurer of the United States and certain licensees of the Federal Trade Commission for an accounting alleged to be due the said Chemical Foundation on royalties due it for the use of certain patents originally seized under the authority of the Alien Property Custodian and sold to the Chemical Foundation by the custodian during the previous administration. On the face of such an action it became so apparent to me than an inquiry should be made that I asked for a report by the Department of Justice on the sale of this enemy property to the Chemical Foundation. It appears that the sale was made at so nearly a nominal sum that there is reason to believe that this Government has not faithfully observed the trust which was implied in the seizure of this property. The circumstances relating to the entire transaction are of such a character that full investigation becomes a public duty. Moreover, I feel that your office is obliged to maintain the sacred character of the trust to which the Alien Property Custodian is committed by the law.

You are, therefore, directed to forthwith proceed as follows:

1. Make written demand upon the Chemical Foundation (Inc.), in form to be approved by the Attorney General, to immediately return, transfer, and assign

to the Alien Property Custodian all patents, trademarks, copyrights, contracts, applications, or other properties or rights transferred to it by the Alien Property Custodian as aforesaid, and to account to you for any and all rents, profits, license fees, or other proceeds thereof realized by said Chemical Foundation (Inc.) from said properties or rights, or any of them, from the date of transfer thereof to the Chemical Foundation (Inc.), to the date of restitution.

2. Take any other action which may be advised or approved by the Attorney General, by suit or otherwise, to fully and in every respect protect the rights or interests of the United States and any other person or corporation interested therein, in and to the properties and rights aforesaid, and any proceeds, income, or profits therefrom in the hands of the Chemical Foundation (Inc.), or its officers, agents, or employees.

In carrying out these instructions you will act under the advice of the Attorney General.

Very truly yours,

(Signed) WARREN G. HARDING.

Col. THOMAS W. MILLER,
Alien Property Custodian,
Washington, D. C.

(Alien Property Custodian, Arlington Building, Vermont Avenue and H Street, Washington.)

To the CHEMICAL FOUNDATION (INC.),
A corporation organized and existing under the laws of the State of Delaware,
81 Fulton Street,
New York City, N. Y.

I, Thomas W. Miller, Alien Property Custodian, duly appointed, qualified, and acting under the pro-

visions of the act of Congress approved October 6, 1917, known as the trading with the enemy act, and the amendments thereto and the proclamations and Executive orders issued pursuant thereto, and acting upon the express direction and instruction of the President of the United States of America, do hereby demand and require that you forthwith and immediately return, transfer, assign, and account for to me, as Alien Property Custodian, all patents, trade-marks, copyrights, contracts, applications, or other properties or rights which have heretofore at any time been assigned, transferred, or in any manner delivered, or pretended to have been assigned, or in any manner transferred or delivered, or which have been enumerated, designated, or in any manner described in any transfer or assignment, or in any pretended transfers or assignments to you by the Alien Property Custodian, a list of which patents, trade-marks, copyrights, contracts, applications, and other properties and rights so far as now available is hereto attached and marked "Exhibit A" and is made a part hereof as fully and completely as if copied in the body of this demand, but this demand is intended to cover any and all patents, trade-marks, copyrights, contracts, applications, and other properties and rights above described whether included in said "Exhibit A" or not; and

I, acting as such Alien Property Custodian, as aforesaid, and under the instructions and directions as aforesaid, do further require and demand that you immediately account for and return to me, as such Alien Property Custodian, all income, proceeds, profits, or other benefits or rights which have accrued to or been received by you growing out of said

patents, trade-marks, copyrights, contracts, applications, or other properties or rights above mentioned and described.

In any such accounting by you for said property and property rights described herein and in "Exhibit A" hereto annexed and the proceeds or income therefrom, as hereinabove demanded and mentioned, due credit and allowance will be given to you for the consideration, if any, paid by you or for your account to the Alien Property Custodian therefor and any balance which may be found to be due to you on account thereof, if any such balance be found, will be restored to you to the extent which may be permitted by law and agreeable to the principles of equity; and

I, as such Alien Property Custodian aforesaid, and acting under the instructions and directions aforesaid, do further demand and require that after the receipt by you of this notice you make no further transfers, licenses, assignments, or other dispositions of any of the property, rights, income, or other interests above mentioned and referred to, and that in the event that any such transfers, licenses, assignments, or other dispositions are made by you that the same will be made at your peril and you will be held strictly accountable therefor.

Witness my hand and official seal this 8th day of July, 1922.

[SEAL.] (Signed) THOS. W. MILLER,
Alien Property Custodian.

THE CHEMICAL FOUNDATION (INCORPORATED),
81 Fulton Street, New York City, July 15, 1922.

Hon. THOMAS W. MILLER,
Alien Property Custodian,
Washington, D. C.

DEAR SIR: This will acknowledge the receipt of your communication dated the 8th day of July, 1922, demanding that this company return and deliver to you all patents, trade-marks, and copyrights heretofore assigned to this company by the Alien Property Custodian, that the company account to you for all income received by it from such patents, trade-marks, and copyrights, and that the company forthwith cease to exercise any dominion over such trade-marks, copyrights, and patents.

In reply thereto you are advised that this company is the owner, in its own right, of all the aforesaid patents, trade-marks, and copyrights and of the income derived therefrom. The company denies that the United States Government, or you, as Alien Property Custodian, or anyone other than this company, has any right, title, or interest in said patents, trade-marks and copyrights. The company, therefore, declines to comply with your demand in any particular whatsoever.

Respectfully,

THE CHEMICAL FOUNDATION (INC.),
By FRANCIS P. GARVAN, *President.*
WILLIAM D. GUTHRIE, *Counsel.*

MOTION TO AMEND BILL OF COMPLAINT.

(Filed May 4, 1923)

Comes now the plaintiff, the United States of America, and asks leave of the court to amend the bill of complaint filed herein by striking out that part of said bill of complaint beginning with the word "to" on line 5 of page 40 and ending with the word "and" on line 8 of page 40, which reads as follows, to wit:

> "to confirm and validate the orders aforesaid, or pretended orders of Frank L. Polk and any actions taken by the Alien Property Custodian thereunder, and"

all of which appears in paragraph Thirty-fifth on page 40 of said bill of complaint;

Also to strike out that part of the bill of complaint beginning with the word "sought" in line 27 on page 40 of said bill of complaint and ending with the word "order" on line 28 of page 40, which reads as follows, to wit:

> "sought to be confirmed and validated or authorized by said executive order"

all of which appears in paragraph Thirty-fifth on page 40 of said bill of complaint;

Also to strike out that part of said bill of complaint beginning with the word "sought" in line 9 on page 41 of said bill of complaint and ending with the word "order" on line 11 of said page 41 of said bill of complaint, which reads as follows, to wit:

> "sought to be confirmed, validated and authorized by said executive order"

all of which appears in paragraph Thirty-fifth on page 41 of said bill of complaint.

(Sgd.) JAMES H. HUGHES, JR.,
United States Attorney.
(Sgd.) HENRY W. ANDERSON,
(Sgd.) HERMAN J. GALLOWAY,
Special Assistants to the Attorney General.

ORDER GRANTING LEAVE TO AMEND BILL OF COMPLAINT.

(Filed June 4, 1923)

AND NOW, TO WIT, this fourth day of June, A. D., 1923, upon motion of counsel for the plaintiff, it is ORDERED by the court that leave be and hereby is granted the plaintiff to amend the bill of complaint filed herein by striking out that part of said bill of complaint beginning with the word "to" on line 5 of page 40 and ending with the word "and" on line 8 of page 40, which reads as follows, to wit:

> "to confirm and validate the orders aforesaid or pretended orders of Frank L. Polk and any actions taken by the Alien Property Custodian thereunder, and"

all of which appears in paragraph Thirty-fifth on page 40 of said bill of complaint;

And further by striking out that part of bill of complaint beginning with the word "sought" in line 27 on page 40 of said bill of complaint and ending with the word "order" on line 28 of page 40, which reads as follows, to wit:

"sought to be confirmed and validated or authorized by said executive order."

all of which appears in paragraph Thirty-fifth on page 40 of said bill of complaint;

And further by striking out that part of said bill of complaint beginning with the word "sought" in line 9 on page 41 of said bill of complaint and ending with the word "order" on line 11 of said page 41 of said bill of complaint, which reads as follows, to wit:

"sought to be confirmed, validated and authorized by said executive order"

all of which appears in paragraph Thirty-fifth on page 41 of said bill of complaint;

And it is further ordered by the Court that the said bill of complaint be and hereby is amended accordingly and without prejudice.

(Sgd.) HUGH M. MORRIS, *J.*

ORDER GRANTING LEAVE TO AMEND BILL OF COMPLAINT.

(Filed June 7, 1923.)

The complainant herein, the United States of America, having moved the Court to amend the bill of complaint herein by striking out the words "the Textile Alliance, Inc.," in line one on page twenty-one of said bill of complaint and the Court having considered said motion, it is this seventh day of June, 1923.

ORDERED by the Court that said motion be and the same is hereby granted and the said bill of complaint is hereby amended by striking therefrom the words "the Textile Alliance, Inc.," in line one on page twenty-one of said bill of complaint.

(Sgd.) HUGH M. MORRIS,
Judge.

MOTION TO STRIKE OUT PARTS OF ANSWER.

(Filed May 4, 1923)

Comes now the United States of America, the plaintiff in the above-entitled cause, and moves the court that an order be entered striking out the following part of paragraph XI of defendant's answer beginning with the word "that" on line 33 of page 6 of said answer [Rec. page line] and ending with the word "alleged" on lines 12 and 13 of page 8 of said answer [Rec. page line], for the reason that said allegation does not constitute or state facts sufficient to constitute a defense either at law or in equity to the cause of action set forth in plaintiff's bill of complaint herein; that said matters so alleged are based upon conclusions of the law by the pleader, which are unfounded, incorrect and inaccurate, and that for any one or all of the reasons above set forth said allegations in said answer should be stricken out.

And the plaintiff also moves that an order be entered striking out the third separate and affirmative defense to the bill of complaint, as the same appears in paragraphs XLII to LVIII, both inclusive, being from and including line 26 on page 29 of defendant's answer herein [Rec. page line] to and including line 27 on page 44 of said defendant's answer herein [Rec. page line], for the reason that said paragraphs and the allegations therein contained do not constitute or state facts sufficient to constitute a defense, either at law or in equity, to the cause of action set forth in plaintiff's bill of complaint herein; that the matters alleged in said paragraphs of said defendant's answer are immaterial, irrelevant and impertinent; that said matters alleged in said para-

graphs of said defendant's answer are based upon conclusions of law of the pleader which are unfounded, incorrect and inaccurate; that for any one or all of the reasons above set forth said third separate and affirmative defense to said bill of complaint as contained in said paragraphs of defendant's answer should be stricken out.

(Sgd.) JAMES H. HUGHES, JR.,
United States Attorney.
(Sgd.) HENRY W. ANDERSON,
(Sgd.) HERMAN J. GALLOWAY,
Special Assistants to the Attorney General.

ANSWER.*

(Filed October 27, 1922.)

To the Honorable the Judge of the United States District Court for the District of Delaware:

The defendant, The Chemical Foundation, Incorporated, answers the bill of complaint herein (hereinafter called the bill) as follows:

I. It admits that it is a corporation chartered, organized and existing under the laws of the State of Delaware, that it is a citizen of said State and an inhabitant of the judicial district of Delaware, and that it is and claims to be the owner of the property, property rights and interests referred to in the bill, so far as the same are accurately and completely described therein; and it denies each and every other allegation contained in paragraph First of the bill.

II. It admits the passage and enactment of the several joint resolutions and laws, the negotiation and ratification of the several treaties, and the issuance and promulgation [2*] of the several executive orders mentioned in paragraphs Second to Eighth inclusive, and in paragraphs Tenth, Eleventh, Thirteenth and Fourteenth of the bill, but it is advised and believes and therefore alleges that each and all of these, and their respective terms, provisions, meaning and effect, are matters of law to be judicially noticed and passed upon by the court and as to which the defendant is not required to make answer herein. It denies that it has any knowledge or information sufficient to form a belief as to whether the Imperial German Government or

*Note: Numbers in brackets refer to pages of original printed answer.

the Imperial and Royal Austro-Hungarian Govern ment or any successor of either of said government has complied with the conditions or provisions men tioned in the reservations contained in the treaties re ferred to in paragraph Fifth of the bill. It admits th allegation contained in paragraph Eleventh of the bil that the Federal Trade Commission granted citizen and corporations of the United States licenses to us enemy-owned patents, copyrights and trademarks.

III. It admits the allegations contained in paragrapl Ninth of the bill, except that it has no knowledge or in formation sufficient to form a belief concerning the alle gations that the patents therein referred to were pro cured from or registered with the United States pur suant to the laws relating thereto and that the appli cations in said paragraph referred to were pending be fore the proper officers of the United States or wer made as provided by law and therefore denies suc latter allegations.

IV. It admits the allegations contained in paragrapl Twelfth of the bill.

V. It admits that the Attorney-General of the Unite States determined that the Trading with the Enem Act, [3] as amended by the Act of Congress approve March 28, 1918, did not authorize the seizure and se questration or sale or other disposition of enemy owned patents, but, on information and belief, denie that he made such determination with respect to th other classes of property or rights enumerated in para graph Fifteenth of the bill. It denies, on informatio and belief, that any similar determination was mad by the Alien Property Custodian, or by any other charged with the administration of said act under hi direction, and alleges, on information and belief, that

on the contrary, from and after the passage of said amendment the Alien Property Custodian maintained and claimed that, by virtue of the said act as so amended and the executive orders made pursuant thereto, he was vested with power and authority to sequester and, under such rules and regulations as the President might prescribe, to sell or otherwise dispose of any and all enemy-owned patents, copyrights, trademarks, labels and other similar rights or applications therefor or contracts with respect thereto, and, on information and belief, alleges that said Custodian would have exercised the right, in respect of enemy-owned patents, to sequester and sell the same but for the said determination of the Attorney-General of the United States, and that said Custodian did sequester and require the payment to him of numerous patent royalties payable to enemies under pre-war contracts between enemy nationals and persons, firms and corporations resident in the United States, long before the further amendment to the Trading with the Enemy Act approved November 4, 1918. On information and belief, it denies that the representations made to Congress by the Alien Property Custodian, or assistants acting on his behalf, are accurately or completely set forth [4] in the bill, or were in any respect untrue or false, or had relation to any property or rights other than patents and patent rights, and denies that it was represented that the sole purpose of the proposed amendment to the Trading with the Enemy Act referred to in said paragraph of the bill was as in said paragraph alleged, and denies that such representation appears, or is made to appear, either by the statement of Lee C. Bradley, annexed to the bill as Exhibit A, or otherwise, and avers that the true intent, purpose and construction of said amendment are matters of law for the court to determine. Except as in this paragraph admitted or denied, the defendant admits the other

allegations contained in said paragraph so far as the same concern patents and patent rights, and, on information and belief, denies them insofar as they concern other classes of property.

VI. It admits the passage of the Act of Congress referred to in paragraph Sixteenth of the bill; refers to the terms and provisions of said statute for the contents, meaning and effect thereof, and, on information and belief, denies that said statute was enacted by Congress upon the faith of the alleged representations or solely for the purposes and as alleged in said paragraph.

VII. It admits the issuance and promulgation of the executive order referred to in paragraph Seventeenth of the bill and that the same vested in Frank L. Polk the President's power and authority in the manner and to the extent in said order specified, and refers to the terms and provisions of said executive order for the contents, meaning and effect thereof.

VIII. It alleges that it is without knowledge or information sufficient to form a belief concerning each and [5] every allegation contained in paragraph Eighteenth of the bill and therefore denies the same.

IX. It admits the allegation contained in paragraph Nineteenth of the bill that the declaration of war between the United States and Germany automatically stopped the importation into the United States of dyestuffs and the necessary ingredients thereof and of chemical materials and products from Germany, and that Germany was then and for a long time before the outbreak of the European War had been the chief producer thereof, but, on information and belief, it denies that any of the declarations of war between Germany

and other European powers automatically stopped such importation, and, on information and belief, alleges that during the period between the outbreak of the European War and the entrance of the United States therein, such importation ceased, not principally by reason of the declaration of war between Germany and such European powers, but because of Germany's purpose to embarrass and oppress the people of the United States by withholding from them and their industries necessary dyestuffs, medicines, drugs and chemicals to the end that the suffering and hardship thus inflicted might so raise and inflame public sentiment in the United States as to cause the Government of the United States to take action towards inducing or compelling Great Britain to terminate or alleviate the then existing blockade of German ports. It further avers that it is without knowledge or information sufficient to form a belief concerning each and every other allegation contained in said paragraph and therefore denies the same.

X. On information and belief, it admits the allegations contained in paragraph Twentieth of the bill that [6] there was a consolidation of certain corporations into the National Aniline & Chemical Company and also a consolidation of certain corporations into the Allied Chemical & Dye Corporation; it denies that it has any knowledge or information sufficient to form a belief as to the names of all the corporations that were so consolidated, the nature of the business of such corporations, or the dates when such consolidations were made, and, on information and belief, it denies each and every other allegation contained in said paragraph.

XI. It admits the allegations contained in paragraph Twenty-first of the bill that a large proportion of the enemy-owned patents, copyrights, trademarks, labels and other similar rights, and the applications therefor,

covered or related to dyestuffs or ingredients thereof or methods or processes used in the manufacture or production thereof and that large amounts of chemicals and dyestuffs were and are produced in Germany, and alleges that it is without knowledge or information sufficient to form a belief concerning each and every other allegation in said paragraph and therefore denies the same.

It further alleges, on information and belief, that, prior to the recent war, the dyestuffs, drug and organic chemical manufacturing industry in the United States was not in any sense a monopoly, but was, on the contrary, a highly competitive, though small, weak and inconsequential industry without development, strength, efficiency, skilled personnel, or necessary capital and equipment; that it was in a condition of almost total dependence upon Germany, where the dyestuffs, drug and organic chemical manufacturing industry was in the hands of a powerful, well-developed and governmentally supported monopoly; that such dependence constituted a [7] menace to the safety and welfare of the people of the United States; that during said period Germany had an abundant supply of dyes, dyestuffs, essential drugs and medicines, necessary ingredients for high explosives and poison gas, and a large body of trained scientific chemical experts able to manufacture all of these and to train others so to do, and that the United States did not have any adequate supply of such dyes, dyestuffs, essential drugs, medicines, ingredients for high explosives and poison gas, or any sufficient number of trained scientific experts, but was dependent on Germany therefor. It further alleges that Germany was in large part able to create and maintain the said dependence of and superiority over the United States by reason of the ownership and control by her nationals of the patents referred to in the

bill herein and the power which these gave to prevent the manufacture or profitable production in the United States of the aforesaid chemical substances and the growth and development therein of a suitably experienced and trained corps of organic chemists, munition makers, dyemakers, pharmacists and other experts, and that the sale, assignment and transfer to the defendant of said patents, and the defendant's system of granting non-exclusive licenses at low rates to all qualified American citizens, as well as its license of all its patents, free of charge, to the Government of the United States, and its use of said patents to protect American industry, have tended to build up and have resulted in building up in the United States a large, strong and competitive dyestuffs, drug and organic chemical manufacturing industry, capable of meeting approximately ninety per cent of the needs in said respects of the American people, and in making substantial progress toward assuring [8] to the country a supply of scientific and skilled experts adequate for the safety, welfare and independence of the United States in times both of war and peace. It further alleges that all and singular said results and accomplishments will be undone and the American dyestuffs, drug and organic chemical manufacturing industry will relapse into its former state of dependence upon Germany, if the said patents be now taken away from the defendant, or come again into the control of Germany, or be not employed in the impartial and non-discriminatory, non-profit-making and protective manner pursued by the defendant as hereinafter more fully alleged.

XII. On information and belief, it denies each and every allegation contained in paragraph Twenty-second of the bill. It alleges, however, that if the per-

sons, firms, corporations, trade associations and others therein referred to conceived or entered upon the plan, scheme, combination, or conspiracy therein, or in any other part of the bill referred to, said plan, scheme, combination, or conspiracy never had and now has no relation to, connection with, or influence or effect upon, the formation, existence, purposes, policies, business, methods, acts, omissions, rights, property, affairs, stock ownership in or control of this defendant, and alleges, on information and belief, on the contrary, that subsequent to the enactment of the Act of Congress approved March 28, 1918, amending the Trading with the Enemy Act, and long prior to November, 1918, the Alien Property Custodian had, and believed he had, the authority to sequester and sell said enemy-owned patents, copyrights, trademarks, labels and other similar rights and applications therefor, and intended to seize and sell the same, [9] irrespective of, and uninfluenced by any alleged inducement or procurement so to do on the part of any of the persons, firms, or corporations mentioned in said paragraph.

XIII. It admits the allegations contained in paragraph Twenty-third of the bill that Francis P. Garvan, Joseph H. Choate, Jr., and Ramsay Hoguet held the positions and offices in said paragraph referred to and that at divers times Morris R. Poucher and others interested in the American dye and chemical industry discussed with the Alien Property Custodian or his assistants named in said paragraph the subject of the protection of said American industry and its promotion and upbuilding to a basis where it would be and remain independent of German domination during and after the end of the war, or on renewal of war, and, on information and belief, denies each and every other allegation contained in said paragraph.

XIV. It admits that after the passage of the amendment of November 4, 1918, to the Trading with the Enemy Act, specifically granting to the Alien Property Custodian the right to seize enemy-owned patents, copyrights, trademarks, labels and other similar rights and applications therefor, and in order to determine what chemical patents were in fact so owned, he caused various patent attorneys and other patent experts, being both employees of his office and outsiders and including, among others, a patent attorney associated with a firm of patent attorneys who did work for E. I. du Pont de Nemours & Co., and a patent attorney associated with a firm of patent attorneys who did work for the National Aniline & Chemical Company, to search and run down the titles of patents, copyrights, trademarks, labels and other [10] rights and applications therefor, and check up a list of alleged enemy-owned patents and other rights which had previously been made up by the Federal Trade Commission; that said work and much of the other work then being done in the office of the Alien Property Custodian were done both by day and night and on Sundays; that after the Alien Property Custodian and his counsel and assistants had received, examined and investigated the reports concerning alleged enemy-owned patents, copyrights, trademarks, labels and other similar rights and applications therefor, thus and otherwise procured, the Alien Property Custodian duly determined that a number of said patents, copyrights, trademarks, labels and other similar rights and applications therefor were in fact enemy-owned and seized and sequestered the same from time to time, and that a number of said enemy-owned patents, copyrights, trademarks, labels and other similar rights and applications therefor were not when seized or sold by the Alien Property Custodian used in connection with or as part of any enemy-owned

plant or business seized or sold by him. It denies, or information and belief, that in performing the aforesaid work of investigating and making up the lists of enemy-owned patents, copyrights, trademarks, labels and other rights and applications therefor, or in making seizures thereof, the employees of the Alien Property Custodian or said outsiders acted under instructions of any person, firm, or corporation other than the Alien Property Custodian and his assistants; it denies that said seizures were made for the benefit of any private individual, firm, or corporation; and it alleges that the same were made solely on behalf of the Alien Property Custodian and in the public interest. Except as thus admitted or denied, it denies, [11] on information and belief, each and every other allegation contained in paragraph Twenty-fourth of the bill.

XV. It admits the allegations contained in paragraph Twenty-fifth of the bill that this defendant was incorporated on or about February 19, 1919, under the laws of the State of Delaware, and that a copy of its certificate of incorporation or charter and a copy of its by-laws are annexed to the bill as Exhibit B thereto, and denies each and every other allegation contained in said paragraph.

XVI. It admits the allegations contained in paragraph Twenty-sixth of the bill concerning the amounts of common and preferred capital stock provided for in its certificate of incorporation (Exhibit B to the bill), refers to said certificate for the terms and provisions thereof, and denies each and every other allegation contained in said paragraph.

XVII. It denies each and every allegation contained in paragraph Twenty-seventh of the bill, except that it admits that the persons, firms and corporations named

in Exhibit C to the bill subscribed to the capital stock of this defendant in the amounts set forth in said exhibit, and that the sum of said underwritings, plus a subscription of $10,000 by Merck & Company of New York, which does not appear in said exhibit, amounts to $460,600. It alleges that so much of the expense of searching for enemy-owned patents and other rights and of determining the title thereto, as was not borne by the Alien Property Custodian, was advanced by or through the American Dyes Institute, and that such advances were thereafter repaid or agreed to be repaid by this defendant.

[12] XVIII. It admits that many of its stockholders are interested or engaged in the dyestuffs, chemical or drug industry, and that all of its capital requirements were provided by its stockholders, and that Exhibit D annexed to the bill is substantially a correct list of its stockholders, but it denies each and every other allegation contained in paragraph Twenty-eighth of the bill. It alleges that over three thousand persons, firms and corporations were solicited to subscribe to its stock and that said stock was distributed as widely as possible among those in any manner interested in the dyestuffs, chemical and drug industry of the United States so as to avoid the possibility of monopoly by any person, corporation, or group, and in order to enable the defendant more effectually to accomplish the purposes of its incorporation and charter.

XIX. It admits that the voting trust agreement referred to in paragraph Twenty-ninth of the bill was executed; that Exhibit E annexed to the bill is a copy thereof, and that the voting trustees thereunder were the members of the Advisory Sales Committee of the Alien Property Custodian, which committee, it al-

leges, had theretofore been appointed by the President of the United States. It further admits that all of the certificates for issued common capital stock of this defendant were deposited with, and are now held by the voting trustees under said agreement, and that it was expressly provided by the defendant's board of directors that no subscriptions should be received to the common stock of this defendant and no certificates therefor issued by its board of directors except upon agreement by the subscriber that he would enter into said voting trust agreement. Except [13] as above admitted, it denies each and every allegation contained in said paragraph.

XX. It admits the allegations contained in paragraph Thirtieth of the bill that under the charter and by-laws of the defendant the general power was vested in the board of directors thereof, consisting of three members, to manage the affairs of this defendant, including the power to issue and refuse licenses under any patents and other rights owned by it; that by resolution adopted by the board of directors of this defendant it was resolved that two members of said board acting together should constitute a licensing committee to fix uniform fees and royalties for licenses granted by this defendant, and that thereafter, by action of its stockholders, a committee was created called the Chemical Foundation Advisory Committee, whose membership, powers and duties were as regulated and defined in an instrument known as the constitution and by-laws of said advisory committee, a substantially correct copy of which is Exhibit F to the bill. It refers to the original of said exhibit, to be produced on the hearing, for its terms and provisions, and, except as in this paragraph admitted, it denies each and every allegation contained in said paragraph of the bill.

XXI. It admits the allegations of paragraph Thirty-first of the bill which refer to and describe the president, vice-president, secretary and treasurer, general counsel, patent attorney, board of directors, voting trustees and advisory committee of this defendant; it admits that it was incorporated on or about February 19, 1919, and it denies each and every other allegation contained in said paragraph.

[14] XXII. It admits all of the allegations contained in paragraph Thirty-second of the bill, except that it denies that any of the acts of the Alien Property Custodian set forth in said paragraph were done at the instance or inducement of parties to any scheme or conspiracy as charged in the bill, and alleges, on information and belief, that such acts were done by said Alien Property Custodian solely in the performance of his official duties as an officer of the United States and by reason of his determination to carry out the declared policy of the President and Congress in respect of the sequestration and disposition of enemy-owned property; and denies that such actions were based upon, or were with respect to lists furnished by the attorneys or agents of the alleged parties to any scheme or conspiracy, and that Exhibit G referred to in said paragraph is a complete schedule; but alleges to the contrary that such schedule is neither accurate nor complete.

XXIII. It admits all the allegations contained in paragraph Thirty-third of the bill, except that it denies that any of the powers and authorities exercised by Frank L. Polk in and by his said orders of February 26, 1919, and April 5, 1919, were in any sense pretended powers or authorities, or in any manner unlawful or ineffectual to accomplish their respective purposes and intent; and for the terms, conditions and effect of said

orders reference is made thereto and to the executive order of the President No. 3016 of December 3, 1918, of which latter a copy is hereto annexed, made part hereof and marked Defendant's Exhibit 1.

XXIV. It denies the allegations contained in paragraph Thirty-fourth of the bill that either of the orders of Frank L. Polk therein referred to was prepared by [15] it or at its instance. On information and belief, it denies that either of said orders was prepared at the instance or procurement of the persons, firms and corporations in said paragraph alleged to be in control of the dyestuffs and chemical industry, or in pursuance of the alleged scheme and conspiracy mentioned in the bill, or in pursuance of any scheme or conspiracy whatsoever. It denies that any necessary or essential facts with regard to the seizure or sale or disposition of said patents and other rights mentioned in said orders were not stated or disclosed to said Polk, or were withheld or suppressed from him, or that any facts in connection therewith were misstated or misrepresented to him, or that his signature to either of said orders or the issuance thereof by him were procured through or by means of any suppression or misrepresentation of any facts, or that either of said orders was signed or issued by him without knowledge of the facts, or upon mistake as to the facts; and, on information and belief, it denies each and every other allegation contained in said paragraph. It alleges, to the contrary, that all the necessary and essential facts in respect of the matters and transactions referred to in the bill were fully disclosed to said Polk before any of said orders were made by him, and that prior to the time when said Polk made said orders all of said facts had been embodied and disclosed in a report made pursuant to law by A. Mitchell Palmer as Alien Property Custodian to the President and by the latter transmitted to Congress on

March 1, 1919, and, on information and belief, that said Polk had theretofore been personally informed by the Alien Property Custodian and was familiar with and approved of the plan outlined in that portion of said report which dealt with said matters and transactions, [16] and of the then proposed transfer and assignment of enemy-owned patents and other rights to this defendant. An excerpt of so much of said report of said Alien Property Custodian dated February 22, 1919, and transmitted by the President to Congress as aforesaid, as relates to this subject is hereto annexed, made part hereof and marked Defendant's Exhibit 2.

XXV. It admits the allegation contained in paragraph Thirty-fifth of the bill that by executive order dated February 13, 1920, the President undertook to confirm and validate said orders of Frank L. Polk and any action taken by the Alien Property Custodian thereunder, and it is advised and believes and therefore alleges that the President did thereby duly ratify, confirm and validate said orders and action. It refers to said executive order of February 13, 1920, made by the President for its terms, provisions, purpose and effect; it denies that said executive order was prepared by it or at its instance or procurement, and, on information and belief, it denies that said order was prepared at the instance or procurement of the persons, firms and corporations in said paragraph alleged to be in control of the dyestuffs and chemical industry or parties to the alleged scheme or conspiracy mentioned in the bill. It denies that any necessary or essential facts in relation to the seizure or sale of said patents, copyrights and other rights mentioned in said order were not disclosed to the President at the time of or before the signing of said executive order, or that said order was signed or issued by him upon any misunderstanding or mistake of facts

whatsoever; and, on information and belief, it denies each and every other allegation contained in said paragraph. It alleges, to the contrary, that all the necessary and essential [17] facts in respect of the matters and transactions referred to in the bill had been fully disclosed to the President long before said executive order of February 13, 1920, was made by him, and that prior to the time when the President made said executive order all of said facts had been embodied and disclosed in the report made pursuant to law by A. Mitchell Palmer as Alien Property Custodian to the President and by the latter transmitted to Congress, hereinabove referred to, and, on information and belief, that the President was familiar with and approved of that portion of said report which dealt with said matters and transactions, and of the then proposed transfer and assignment of enemy-owned patents and other rights to this defendant.

XXVI. It admits the allegations contained in paragraph Thirty-sixth of the bill that Francis P. Garvan as Alien Property Custodian, and who was then also president of this defendant, executed and delivered to it the several assignments therein enumerated. It alleges, however, that the general plan for said assignments had in fact been determined and agreed upon by the predecessor in office of said Garvan before the latter became Alien Property Custodian and had the consent and approval of his said predecessor in said office, and that the latter intended to execute and would have executed said assignments himself if their formal preparation and completion had not been unavoidably delayed until after he had resigned said office. It further alleges that the plan which said assignments were intended to effectuate had been fully reported to the President and by him approved during the incumbency of said Palmer as Alien Property

Custodian, and had been embodied in said report by him so transmitted by the President to Congress, [18] on March 1, 1919, as hereinabove alleged. It denies the allegation that said assignments or any of them were made with no reservations or qualifications other than those in said instruments expressly set forth; it prays reference to the terms and provisions of said assignments, being Exhibits H-1 to H-19, inclusive, annexed to the bill, for their meaning and effect; and it denies that Exhibit G annexed to the bill is either accurate or complete. It further denies, on information and belief, that any of said assignments were induced or procured in pursuance of any scheme or conspiracy, and it denies each and every other allegation contained in said paragraph.

It further alleges that included among the patents and other rights sought to be recovered by the plaintiff in and by this suit are some heretofore released or restored to the Alien Property Custodian, and others heretofore released or restored to divers third parties, either at the instance or request of said Custodian or with his consent and approval; that heretofore and prior to the commencement of this suit divers persons, firms and corporations filed claims with the defendant for certain of the patents or other rights sold, transferred and assigned to it by the Alien Property Custodian, asserting that they were the true owners thereof at the time when the same were seized by him, and that they were neither enemies nor allies of enemies, as defined by the Trading with the Enemy Act, or asserting that they would otherwise be entitled to the return of said property under the provisions of said Act of Congress as amended, if such property were still held by the Alien Property Custodian; that thereupon the defendant in [19] good faith determined, after due investigation, that a num-

ber of such claims were meritorious in whole or in part, and without receiving any consideration therefor, released or restored either directly to such claimants or to the Alien Property Custodian, a number of the patents or rights claimed, and that in most, if not all, of such last mentioned cases it took such action at the request and with the full knowledge and approval of Thomas W. Miller as Alien Property Custodian.

XXVII. It admits the allegations contained in paragraph Thirty-seventh of the bill that on or about March 1, 1921, Francis P. Garvan as Alien Property Custodian, and who was then also president of this defendant, executed and delivered to it, without further consideration therefor, the instrument in writing dated on said day and a copy whereof is Exhibit I annexed to the bill, and that said Alien Property Custodian thereby undertook to ratify, confirm and validate the sales, transfers and assignments of patents and other rights theretofore made to this defendant, and it is advised and believes and therefore alleges that said instrument did thus ratify, confirm and validate said sales, transfers and assignments; and it alleges that the Alien Property Custodian executed said confirmatory instrument pursuant to the executive order of the President dated February 13, 1920. It refers to said instrument for its terms, meaning and effect; denies, on information and belief, that the execution and delivery thereof were induced or procured in pursuance of any scheme or conspiracy, and denies each and every other allegation contained in said paragraph.

XXVIII. On information and belief, it denies the allegations contained in paragraph Thirty-eighth of the bill that the sales, transfers and assignments therein

referred [20] to, or any of them, or the instruments evidencing the same, were induced or procured in pursuance of any scheme or conspiracy, or for the private gain or benefit of any person, or to protect or preserve the alleged monopoly or control of any persons over the dye and chemical industry in the United States, and it denies each and every other allegation contained in said paragraph except that it admits that in one instance it paid a deposit on account of a transfer, as required by the office of the Alien Property Custodian, prior to receiving the instrument of transfer.

XXIX. It admits the allegations contained in paragraph Thirty-ninth of the bill that Francis P. Garvan resigned as Alien Property Custodian and was succeeded by Thomas W. Miller in said office, as alleged in said paragraph; that said Miller thereafter as Alien Property Custodian executed and delivered to the defendant the two instruments of sale, transfer and assignment, copies whereof are Exhibits J and K annexed to the bill, and it admits that the second of said instruments, being Exhibit K to the bill, was delivered to it without payment of any additional consideration than theretofore paid. It denies each and every other allegation contained in said paragraph, and, to the contrary thereof, it alleges that prior to the execution of said instruments, Exhibits J and K annexed to the bill, said Miller, as Alien Property Custodian, was fully informed of and knew the history of the organization of this defendant, the impelling and inducing motives for its creation, its charter and purposes, its muniments of title and their purposes and intent, and the considerations given for each and all of said patents and other properties and rights sold, assigned and transferred to it.

[21] XXX. It admits that some, but relatively few, of the patents and properties assigned and transferred to it by the Alien Property Custodian did not relate to the corporate objects and purposes of this defendant. It alleges that the defendant has not yet been able to make or complete an exhaustive and critical investigation of all the enemy-owned patents sold, transferred and assigned to it and that it is possible that some of the patents and other rights now held by it may be found not to relate to the objects and purposes of its charter; but it alleges that some of the transfers and assignments of such patents and properties were made by the Alien Property Custodian and received by it in good faith through misapprehension, inadvertence, or mistake, that other transfers and assignments were made to it at the special instance and request of the Navy Department or other branches of the Government, and that it neither claims nor desires any patents or other rights not relating to its corporate objects and purposes, and has always been and now stands ready to make restoration (without repayment to it of any part of the purchase price) in respect of any such patent or rights so transferred to or received by it. On information and belief, it denies each and every other allegation contained in paragraph Fortieth of the bill.

XXXI. It admits the allegations contained in paragraph Forty-first of the bill that the Federal Trade Commission, prior to said sales to this defendant by the Alien Property Custodian, had licensed certain citizens and corporations organized within the United States to use certain patents and other rights for considerations to be paid by them to the Alien Property Custodian and deposited with the Treasurer of the United States as provided [22] by law; that, since the seizure and sale, assignment and transfer of said

patents and other rights to this defendant by the Alien Property Custodian, this defendant has issued other licenses to various persons and corporations for the use and enjoyment of certain of said patents and other rights and has collected royalties therefor, and that the licenses thus issued by this defendant are under a comparatively small number of the patents and other rights among those sold and assigned to it by the Alien Property Custodian. On information and belief, it denies that Exhibit L annexed to the bill is an accurate or complete list of the licenses so issued by the Federal Trade Commission; and, except as in this paragraph admitted or denied, it denies each and every allegation contained in said paragraph of the bill.

XXXII. It admits that, by virtue of said assignments thereof to it, it is now claiming that it is entitled to receive, collect and have paid over to it, as owner of said patents, copyrights and other rights thus assigned and transferred to it, all the royalties and other income accrued and accruing thereon since the respective dates of transfer to it of the patents and other rights thus licensed by it or the Federal Trade Commission, but it denies that it claims any royalties or other income which accrued prior to said dates of transfer to it of said patents and other rights. It alleges that all the royalties and income accrued to it from all its patents and other rights amounted in the aggregate to the sum of $552,991.83 as of June 30, 1922, and that all of its operating expenses necessarily incurred in the production of said gross income amounted to $442,719.75 as of said date. It has been informed and believes, but is otherwise without knowledge in this respect, that all the royalties and income accrued under licenses issued by the Federal Trade Commission in respect [23] to said patents and

other rights do not amount in the aggregate to more than the sum of $400,000 as of said date. Except as in this paragraph admitted or denied, it denies, on information and belief, each and every allegation contained in paragraph Forty-second of the bill.

XXXIII. It is without knowledge or information sufficient to form a belief concerning the allegation contained in paragraph Forty-third of the bill as to the actual original cost to the grantees or registered owners of the patents, copyrights, trade-marks and other rights referred to in said paragraph and therefore denies the same. It admits that a part of the consideration given by this defendant to the Alien Property Custodian for the several patents and other rights assigned and transferred by him to it was paid to said Custodian in lump sums; that said sums were not segregated to or apportioned among the several patents and other rights sold, and that some of said patents and other rights were of greater value than others. Except as herein in this paragraph admitted or denied, it denies each and every allegation contained in said paragraph of the bill.

XXXIV. It admits that the part of the consideration given by this defendant for the several patents and other rights assigned and transferred to it, which was paid to the Alien Property Custodian in money, amounted to the sum of $271,850. It is without knowledge or information sufficient to form a belief concerning the allegation contained in paragraph Forty-fourth of the bill as to the original cost of procuring or registering said patents and other rights, and therefore denies the same. Except as herein in this paragraph admitted or denied, it denies each and every allegation contained in said paragraph of the bill.

[24] It further alleges that only a relatively small

number of the patents sold, assigned and transferred to it by the Alien Property Custodian were of any commercial value whatever; that concerning a large number of them there has never been any request from any one for a license thereunder; that the defendant purchased said properties without any investigation into or certification of the validity thereof by counsel, and without warranty by or recourse upon said Alien Property Custodian; that a number of said patents have been challenged as invalid; that a large number of them had but a short period to run when sold, assigned and transferred to the defendant; that the greater part of them required the erection of costly plants for experiment, exploitation and development, or extensive and costly experiment and investigation before proper or effective use thereof was possible; that, under the terms imposed by the Alien Property Custodian upon the defendant when it acquired said patents, which terms had been originally fixed by said Palmer while acting as such Custodian, the defendant had no monopoly rights in any patent sold, assigned and transferred to it, but was required, on the contrary, to issue non-exclusive licenses to all qualified persons, firms and corporations without discrimination and upon equal terms, provided only that they were either American citizens or qualified American corporations, and was further required to and did give a free license to the United States under all of said patents; that the copyrights, labels, trade-marks and other rights, other than patents and patent contracts and rights, sold, assigned and transferred to it, were and are of no commercial value; and that it was understood and agreed by the Alien Property Custodian, the President and the defendant when said patents and other rights were sold, assigned and transferred [25] to it, that the defendant was acquiring said patents and other rights solely in

the public interest to hold the same as trustee for the Americanization of such industries as might be affected thereby, and for the exclusion or elimination of alien interests hostile or detrimental to said industries, and for the advancement of chemical and allied science and industry in the United States.

XXXV. It admits the allegation contained in paragraph Forty-sixth of the bill that some of the records relating to transactions set forth in the bill were in the possession or under the control of the Alien Property Custodian, and certain of his assistants, attorneys and agents, and that, during the time that certain officers of the defendant were also assistants, attorneys, or agents of the Alien Property Custodian, they, as such assistants, attorneys or agents had access to such records in the possession of the Alien Property Custodian. It denies that all the alleged facts or records relating to the transactions set forth in the bill were at any time in the possession or under the control of the Alien Property Custodian, or those of his assistants, agents and attorneys who were also officers of or connected with this defendant; that any records whatever of the office of the Alien Property Custodian were removed from his possession or control to this defendant by any person, and that any of the facts set forth in the bill have only recently come to the knowledge of the plaintiff. The defendant alleges that such possession or control by the Alien Property Custodian, or his subordinates, wherever it existed, was at no time either kept secret from or exclusive of any other department or bureau of the Government. It further alleges that all the facts relating to the transactions set forth in the bill were at all times since the same took [26] place fully within the knowledge of the plaintiff. It is without knowledge or information sufficient to form a belief concerning

the allegations in said paragraph of the bill as to the alleged investigation therein referred to and the various stages thereof, and it therefore denies the same. It admits the other allegations contained in said paragraph.

XXXVI. It denies each and every allegation contained in paragraph Forty-seventh of the bill.

XXXVII. It admits the allegation contained in paragraph Forty-eighth of the bill that it has instituted various suits under section 10 of the Trading with the Enemy Act against persons, firms and corporations holding licenses from the Federal Trade Commission covering certain patents referred to in the bill, in which suits the Treasurer of the United States is also made a defendant, but it denies that in any of said suits it is claiming any recovery for the use or enjoyment of any of said patents during a period prior to the respective dates when the same were duly transferred and assigned to it by the Alien Property Custodian. It admits that proceedings in said suits were stayed by stipulation until the 15th day of September, 1922, and that the patents involved in said suits are among those sold and transferred to it by the Alien Property Custodian. Except as thus admitted or denied, it denies each and every other allegation contained in said paragraph of the bill.

XXXVIII. It admits the allegations contained in paragraph Forty-ninth of the bill that it has spent a large proportion of its revenues derived from royalties on licenses issued under certain of the patents conveyed and transferred to it by the Alien Property Custodian, for [27] its running expenses and in publicity which it has deemed necessary to accomplish the purposes of its charter, and that it appears from its books and records that the amount of money so

spent by it has exceeded its income. It avers that such expenditures were necessary and proper and tended to fulfill its charter purposes and to carry out the intent of the agreement under which it acquired said patents and other rights. The defendant denies that it is insolvent, and, except as above admitted or denied, it denies each and every other allegation contained in said paragraph of the bill.

FOR A FIRST SEPARATE AND AFFIRMATIVE DEFENSE TO THE BILL, the defendant shows to the Court and alleges that—

XXXIX. It appears upon the face of the bill that no valid cause of action entitling the plaintiff to equitable relief against the defendant is stated therein, and therefore the defendant prays that the bill be dismissed.

FOR A SECOND SEPARATE AND AFFIRMATIVE DEFENSE TO THE BILL, the defendant shows to the Court and alleges that—

XL. Prior to the commencement of this suit more than three years had elapsed since the largest part of the property, now sought to be recovered by the plaintiff, was sold, assigned and transferred to the defendant by the Alien Property Custodian, and during all of said period the plaintiff and its officers and agents had full notice and knowledge of the facts relating to the said sales, were duly put upon inquiry in respect thereof, and had ample means and due opportunity to inquire into said matters and facts and fully learn thereof. The Alien Property Custodian on or about February 22, 1919, after [28] the granting of the defendant's charter and prior to the transfers to or by the defendant, made to the President, and the President on March 1, 1919, transmitted to Congress, the report, a part whereof is the Defendant's Exhibit 2,

which described the plan for the organization of the defendant, its objects and proposed activities, the intended transfer to it of said patents and other rights, and the considerations to be given by it therefor. Notwithstanding the making, receipt and transmission of said report to Congress as aforesaid, no step was at any time taken by any officer or department of the plaintiff to interfere with or prevent the carrying out of the plan and purposes detailed in said report, until the service of the demand which is annexed to the bill as Exhibit M. During said period the defendant, without interference, challenge, warning, or question by the plaintiff, dealt with the patents and other rights so sold to it as the owner thereof, held itself out as such, incurred large liability to its licensees and others, materially altered its position to its detriment by making large expenditures and doing and performing the duties and tasks imposed upon it in and by its charter and the agreement with the Alien Property Custodian under which it obtained said patents and other rights, and, pursuant to the provisions of said charter and for valuable considerations, made numerous licenses of patents so sold to it to divers innocent third parties, permitting them thereby to make use of said patents and other rights, and acting under said licenses, numerous of said licensees made large and substantial investments of capital in order to operate under said licenses, and sold to the public large quantities of products thus made by them,—all of which matters and things [29] the plaintiff knew, or in the exercise of reasonable or ordinary care could have known. During said period, the plaintiff had and retained and still has and retains all the pecuniary considerations paid by the defendant for said patents and other rights, as well as a large and ever-increasing part of the non-pecuniary considerations therefor given, released and promised by the defendant. Not-

withstanding the knowledge and notice aforesaid, th plaintiff, during all of said period, acquiesced in an permitted said acts and transactions of the defendan its agents, officers, stockholders and licensees an failed to object to any of them.

XLI. The net income or revenue derived by the de fendant from the properties sold, assigned and trans ferred to it by the Alien Property Custodian has bee substantially less than the aggregate of the pecuniar considerations paid by it for said properties; but nevertheless, the plaintiff has not and does not nov in its bill offer to return or pay back, nor is it abl to return or pay back, said difference.

By reason whereof the defendant submits to th Court that the granting of the relief prayed for i the bill would be contrary to equity, justice and good conscience.

FOR A THIRD SEPARATE AND AFFIRMATIVE DEFENSE TO THE BILL, the defendant shows to the Court and alleges that—

XLII. Both prior to the enactment of the amend ment of November 4, 1918, to the Trading with the Enemy Act, which, among other things, expressly gave to the Alien Property Custodian the power to seize enemy-owned patents, and after such enactment, an investigation of the chemical industry in the United [30] States and Germany was conducted by certain of the attorneys and assistants of the then Alien Prop erty Custodian, A. Mitchell Palmer, and under his supervision and direction, to ascertain and determine the relation of such industry to the duties and rights of the Alien Property Custodian and the relation thereof to the conduct of the pending war. Said in vestigation, as reported to said Custodian, among other things, revealed, and said Custodian thereupon

in good faith and upon due showing and consideration found and determined, among other things, as follows, viz.:

(a) That the common defense of the United States could not be adequately provided for, nor the resumption or renewal of hostilities properly guarded against, nor modern warfare successfully waged, nor the general welfare of the people of the United States promoted and secured, without the control of large and adequate supplies of organic chemicals.

(b) That the entire organic chemical industry was essentially dependent upon the manufacture of dyestuffs from coal tar products.

(c) That prior to the outbreak of war in Europe in August, 1914, a group of six German dyestuff manufacturers dominated and monopolized the markets of the world, including those of the United States, as to dyes, dye intermediates and numerous important drugs and other chemicals produced as derivatives or by-products thereof. That this supremacy of the German industry had been brought about and was maintained by many years of research and study by highly trained German chemists, by the systematic fostering care of the German Government, by the bribing of employees of foreign competitors, and by a ruthless policy of so-called "full [31] line forcing," and destructive underselling or so-called "dumping" in order to ruin American and other competitors. That the control and monopoly obtained by means of these methods in the United States were in large part gained and maintained by the taking out by said German concerns or their employees of thousands of United States patents purporting to cover almost the entire known field of organic chemistry, many of which did not dis-

close fully or frankly the true nature of the proce
or product covered thereby, but, nevertheless, we
intended and actually operated to deter Americ
manufacturers from competing with the patente
through fear of suit for infringement of patents.

(d) That because of these conditions, the Germ
manufacturers, prior to said World War, were ab
to and did control the American market by means
imports from Germany, and that there was no su
stantial organic chemical industry in the United Stat
commensurate with the needs of the country and a
equate for the common defense thereof. That oth
vitally important industries, such as the textile, pape
leather, varnish and paint industries, were also
large part thus made dependent upon said Germ
dyestuff industry.

(e) That after the outbreak of said World War an
the subsequent interruption of trade between German
and the United States, the American organic chemic
industry made some substantial, but inadequate pro
ress, although seriously handicapped by the lack
working knowledge of the German formulae and pro
esses of manufacture. That in the meantime, an
prior to April 6, 1917, said group of German dyestu
manufacturers had been combined into one carte
trust, or monopoly, with vastly increased capital an
organization, so that it [32] was manifest that, o
the return of peace conditions, said new cartel woul
be able to destroy the organic chemical industry i
this country or to dominate it as before, and that th
future menace of this concentrated power was dete
ring and preventing American enterprise and inves
ment in such industry, which result was placing th
United States at a great disadvantage in preparin

for the common defense and the promotion of the general welfare of the country.

(f) That during said war the importance of said organic chemical industry to the United States and its people was strikingly demonstrated. That various trades and arts languished because of the absence of various dyestuffs, which could be produced only in Germany, and great suffering was occasioned by the shortage of necessary drugs, which in the early days of the World War could not be produced in the United States at all or in any sufficient quantity to meet the needs of the Army and Navy and of the people of the United States.

(g) That during the period between the outbreak of said World War and the entrance of the United States as a party belligerent therein, said German cartel or monopoly and the German government oppressively withheld necessary chemicals, dyes and drugs and used their control thereof as a means to coerce or force the United States to take such political or diplomatic action as would result in or tend to compel the lifting of the British and French blockade against Germany, regardless of the loss and suffering occasioned in the United States by the withholding of such supplies; and that in other ways the German control and monopoly of said industry was made use of by the German Government contrary to the neutrality laws of the United States and to the detriment of the [33] commerce and prosperity of the United States, and was a constant menace and source of danger thereto.

(h) That said war had demonstrated that the organic chemical industry constituted the basis for the manufacture of high explosives and toxic gases,

whose destructive power, enhanced by the development of the aeroplane, had become the dominant factor in modern warfare.

(i) That the principal means whereby said German cartel, trust, or monopoly and the German Government accomplished their said control, domination and oppression, and the principal barrier which stood in the way of the development of an independent and self-sufficient organic chemical industry in the United States, consisted of the United States patents and patent rights then owned and possessed by German nationals.

(j) That said German nationals had taken out and were using many of said patents in violation of the purpose, intent and spirit of the provisions of the laws and Constitution of the United States. That said German nationals had taken out said patents pursuant to their scheme to control and monopolize the organic chemical industry in the United States, and in order thereby to strengthen their military, as well as their commercial, supremacy. That although said United States patents were both process and product patents, yet the Germans owning the same did not intend to and did not in fact produce thereunder in the United States. That this resulted in preventing the manufacture and production of such patented articles by any American manufacturers whatever, stifled American industries and prevented the growth and development in the United States of organic chemical science and skill, all by means of patents granted under the laws and Constitution of the United States, [34] whose express purpose and intent it was to promote the progress of science and the useful arts in the United States.

XLIII. Prior to the amendment of the Trading with the Enemy Act, approved March 28, 1918, while the Alien Property Custodian was merely a conservator of the sequestered enemy-owned property, his management and control of such property disclosed to him and he in good faith found and determined:

(a) That German industrial concerns through branches and subsidiaries in the United States had obtained control of many American industrial plants which bore important relation to the successful prosecution of war by the United States, and that many of such German branches or subsidiaries were centres of German propaganda, espionage, sabotage, intrigue and sedition.

(b) That the operation by the Alien Property Custodian of many sequestered enemy-owned properties would result in large profits, due in most instances to the war, which profits, if Congress ultimately determined to return said sequestered properties to their original German owners, would be accountable to such owners, thereby giving to enemies a benefit directly attributable to a war caused and precipitated by their government.

Thereupon the Alien Property Custodian reported the foregoing facts to Congress, and as a result the policy of the Government in relation to the treatment and disposition of enemy-owned property in the United States was altered, and the Act of March 28, 1918, amending the Trading with the Enemy Act, was accordingly passed to carry out a new policy, namely, that the Alien Property Custodian should be no longer a mere conservator, that enemy-owned property should be sold by the President, [35] acting through the Alien Property Custodian, whenever the President deemed it for the best interests of the United States,

and even at private sale, if the President in the public interest should so determine, and that the control theretofore acquired by Germans of important American industries should thus be permanently destroyed and prevented in the future.

XLIV. In further pursuance of said last mentioned policy, Congress determined that in order completely to destroy the aforesaid control by Germans of important and essential American industries, it was necessary expressly to authorize the seizure and sale by the Alien Property Custodian of enemy-owned patents, trade-marks and other rights, and thereupon Congress passed said Act of November 4, 1918, and authorized such seizure and the disposition thereof in like manner as other sequestered property.

XLV. After the passage of said Act of November 4, 1918, the President and the Alien Property Custodian, acting thereunder and in order to carry out said governmental policy, in good faith duly determined that it was essential to the due and effective prosecution of the war, the common defense and the peace, health and welfare of the people of the United States that the American organic chemical industry should be freed from the control thereof by any German monopoly. Accordingly, the Alien Property Custodian, with the approval of the President, determined to seize the enemy-owned patents relating to said industry and to utilize the same so as to promote the common defense and the effective prosecution of the pending war or any renewal thereof and to aid said industry and emancipate it from foreign and hostile domination. To these ends he did thereafter from time to time demand [36] and seize said enemy-owned patents and other rights.

XLVI. Thereafter said Palmer, as Alien Property Custodian, as a means to the ends and for the purposes aforesaid, suggested and co-operated in the organization of the defendant as a corporation, with the charter, by-laws and personnel substantially as set forth in the bill, and arranged, subject to the approval of the President or his representative, to sell to the defendant the enemy-owned patents, trademarks and copyrights and other rights relating to said industry, so seized by him, in order that the same might be utilized in the Americanization of said industry and in adequately preparing for the defense of the country,—all as will more fully appear from the annual report of said Alien Property Custodian to the President, dated February 22, 1919, and transmitted by the President to Congress pursuant to law on March 1, 1919, which is Defendant's Exhibit 2 hereto.

XLVII. Said plan of dealing with such enemy-owned patents, trade-marks and copyrights was then submitted by said Palmer to Frank L. Polk, who had theretofore been appointed by the President as his representative and delegate to exercise the power and authority conferred upon the President by the provisions of section 12 of the Trading with the Enemy Act as amended (other than the executive administration of the provisions of said section 12 pertaining to the designation of a depositary or depositaries), which section, among other things, conferred upon the President and the Alien Property Custodian the power to sell and dispose of enemy-owned property as fully to all intents and purposes as could the absolute owner thereof,—all as will more fully appear by reference to the executive order of the President dated December [37] 3, 1918, (Defendant's Exhibit 1, above referred to). Said plan thereupon received the approval

of said Frank L. Polk as such representative and delegate, and such approval was evidenced by his orders duly made and dated respectively February 26, 1919, and April 5, 1919, copies of which are hereto annexed, made part hereof and marked Defendant's Exhibits 3 and 4, respectively. Thereafter said plan and the sales contemplated thereby were ratified and approved by the President, and such approval was evidenced by his executive order duly made and dated February 13, 1920, a copy of which is hereto annexed, made part hereof and marked Defendant's Exhibit 5.

XLVIII. On or about March 3, 1919, the President appointed Francis P. Garvan as Alien Property Custodian, to succeed said Palmer, in order that said Garvan might carry into effect the plan of sale as formulated and agreed upon by said Palmer. Said Garvan had for a considerable time prior thereto been Chief of the Bureau of Investigation and director of the New York office of the Alien Property Custodian and was the same Francis P. Garvan as was referred to in the report of said Palmer as Alien Property Custodian made to the President and Congress (Defendant's Exhibit 2). Said Garvan was recommended to the President by said Palmer for appointment as his successor in the office of Alien Property Custodian, because said Garvan was familiar with the aforesaid investigations of the chemical industry in the United States and had participated therein and knew the results thereof, and was fully informed as to the aforesaid plan formulated by his said predecessor Palmer for the sale of said patents to the defendant and approved the same. Said Garvan thereupon proceeded [38] to carry into effect said plan of sale as formulated and agreed upon by his predecessor, with the approval of the President and the President's said representative, Frank L. Polk.

Shortly after his appointment and on April 6, 1919, said Garvan as such Alien Property Custodian deemed it his official duty to communicate to the public, as well as to Congress and the executive department of the Government, certain facts in reference to the dye industry of the United States which had come to his knowledge in the course of his investigations as head of the Bureau of Investigation of the Alien Property Custodian's office and as Alien Property Custodian as aforesaid, and likewise in reference to the menace to the public interests then existing and which would continue to exist in war and peace unless effective steps were taken and adequate provisions were made for promoting the development and perfection of the dye industry of the United States and to make known his purpose to carry out and effectuate all and singular the plans theretofore conceived, devised and formulated by his said predecessor A. Mitchell Palmer as Alien Property Custodian, as aforesaid. Thereupon and for such purpose of publicity and information, said Garvan as such Alien Property Custodian delivered and widely published throughout the United States an address substantially as set forth in the copy hereto annexed which is made part hereof and marked Defendant's Exhibit 6. A copy of said address containing all and singular the statements contained in said exhibit was sent by said Garvan to the President, to said Frank L. Polk, to each member of Congress, to each member of the President's cabinet and to other officers of the Government.

[39] XLIX. Relying upon the knowledge by the President and his said representative Frank L. Polk of the aforementioned plan for dealing with said enemy-owned patents and other rights, and the approval thereof by the President and his said representative, the defendant proceeded to and did complete

its organization and financing in the manner disclosed to and approved by the President and the Alien Property Custodian. In so doing, it offered its stock for subscription to several thousand persons, firms and corporations, being those known to be interested in chemical and allied industries, by means of certain prospectuses, copies of which are hereto annexed, made part hereof and marked Defendant's Exhibits 7 and 8, respectively. As a result one hundred and fifty-eight of such persons, firms and corporations became and now are stockholders of this defendant, to the great advantage of the industry and the corresponding benefit to the Government and people of the United States.

L. Relying upon such full public disclosure and report and the knowledge and approval of the President and his said representative Frank L. Polk, the defendant entered into agreements with the Alien Property Custodian for the purchase of the patents and other rights involved in this suit and purchased the same. In connection with such purchase the defendant paid to said Custodian the cash consideration mentioned in the various instruments of sale and assignment, but each separate transfer was made upon the following further conditions and considerations moving from the defendant to the Alien Property Custodian, to wit:

(1) That the defendant should release to the United States the right to prosecute claims against the United [40] States for past infringements under the patents and other rights, sold, assigned and transferred to the defendant as aforesaid.

(2) That the defendant should license the United States in such manner as to grant to it during the life of each and all said patents, the right, free of

charge, to make or have made for its own use and to use the several processes and products covered by said patents so sold, assigned and transferred to the defendant, and to dispose of surplus products manufactured thereunder.

(3) That the patents and other rights so sold, assigned and transferred and the revenues derived by the defendant therefrom should be employed under, and in the manner provided for, in the defendant's charter, for the advancement of American chemical science and industry and the elimination of hostile alien interests.

LI. In conformity with the terms of sale, the defendant has since executed and delivered to the United States and the latter has accepted an instrument releasing it from all claim for past infringements under any of said patents and other rights, and licensing it to make or have made for its own use and to use, free of charge, the products and inventions covered by any of the patents transferred to the defendant, and to dispose of surplus products manufactured thereunder.

LII. In order effectively to carry out the intent and terms of said sale and the objects of its charter, the defendant at great expense catalogued and circulated among manufacturers and others who might be interested therein, lists of the patents and other rights so sold to it by the Alien Property Custodian as aforesaid, together with information concerning their availability and usefulness. [41] In cases of inventions which it seemed especially important to have rapidly and thoroughly developed, from the standpoint of the industry, public welfare, or common defense, it caused special study and research to be conducted in order to determine the availability thereof and caused its

findings to be made known to the industry, and urged American concerns to manufacture under such patents. As a result thereof, to this date licenses under 422 of the patents so sold, assigned and transferred to it have been issued, non-exclusively, to a large number of American manufacturers, who have operated and continue to operate thereunder, and who, in the course of said operations, have expended millions of dollars in research and experimentation and the erection of necessary plant for the exploitation of the patents so licensed to them. Many of the chemical products which are now abundantly manufactured in the United States under such licenses were not heretofore produced in the United States, or were produced only in quantities wholly insufficient for domestic consumption and the needs of the common defense. Largely as a result of the licensing and other activities of the defendant, American manufacturers are now able to provide for approximately ninety per cent of the needs of the people of the United States for colors and dyes, as to which, prior to said war and the sale, assignment and transfer of said patents to the defendant, the American people were entirely dependent upon importations from Germany. Many of the products now abundantly produced under said licenses are chemicals which during the late war demonstrated their importance as basic elements of explosives and of modern defensive or offensive warfare, and others are of great value as therapeutic agents, and the ability to produce such chemicals abundantly and quickly is essential to the common [42] defense and general safety of the United States and its people.

LIII. In the licensing of said patents the defendant entered into numerous written contracts with licensees, whereby, among other things, it agreed to indemnify and hold harmless the licensees from infringement

suits by third persons arising out of the making, using, or selling under such licenses, and to prosecute third parties infringing upon the patents covered thereby. Such agreements are still outstanding as obligations of the credit of the defendant which may not be released or assumed by another save with the consent of the licensees, which has not been given.

LIV. In further conformity with the terms of sale to it and with the objects of its charter, the defendant has co-operated with various branches, bureaus and departments of the United States Government concerned with such matters, and with various universities, colleges, scientific and technical societies, with the object of diffusing knowledge among the people of the United States concerning the vital importance to them of the science of organic chemistry and the necessity for the development and employment thereof for the up-building of American organic chemical industry and the general welfare and common defense of the country. This work has been in part accomplished by the widespread distribution of books and pamphlets treating of said subjects, procured and distributed by the defendant at large expense to it, and in part by contributions and subsidies made by the defendant to various institutions engaged in scientific research. In so doing the defendant has expended a total of approximately $300,000 to June 30, 1922, and has thereby [43] greatly stimulated public interest in and knowledge of the subjects aforesaid.

LV. In further conformity with the terms of sale to it and with the objects of its charter, the defendant has devoted special effort to promoting the manufacture in the United States of arsphenamine and neo-arsphenamine (otherwise known as "Salvarsan" and "neo-Salvarsan"), which are the most effective known remedies for the disease of syphilis. Since the sale, trans-

fer and assignment to the defendant of the patent covering these remedies, it has, by diligent exploita tion thereof in the public interest, procured additiona American manufacturers to produce the same, in al instances, however, under the regulations in that be half prescribed by the United States Public Healt Service, with the result that this indispensable thera peutic agent, for which the United States and its peo ple heretofore were totally dependent upon importa tion from Germany, is now produced in the Unite States in safer form and in ample quantities so tha the same is now supplied to sufferers from said dis ease at an average price of sixty to seventy-five cent per dose as against the average price of three dollar and fifty cents per dose prevalent during the perio just preceding the recent war when the United State was wholly dependent upon importations thereof fro Germany.

LVI. In part as a result of these and other activi ties on the part of the defendant and of its adherenc to the terms of sale and to the objects, purposes an limitations of its charter, the American organi chemical industry has definitely and substantially pro gressed toward complete emancipation from the dom ination of the German chemical trust or monopoly, t the great benefit of the said industry and of the plain tiff and the American people.

[44] LVII. In performing the terms of the sai sales agreement with the Alien Property Custodian the defendant has expended large sums of money i excess of its receipts from the patents and other right acquired by it from the Alien Property Custodian, t the great loss of itself and its stockholders.

LVIII. If the sales of said patents and other right to this defendant be now rescinded by decree of thi

Court, the United States cannot restore to the defendant the benefits which it and its people have received from the sale of said patents and other rights and from the performance by the defendant of the terms of sale as aforesaid, but, on the contrary, said benefits will remain with the United States and will continue to contribute to the safety, common defense, general welfare, health and prosperity of its people; nor yet can the defendant be made whole as to its expenditures of money and effort in the performance of said undertakings, nor can it be relieved from its obligation to defend its licensees from infringement suits resulting from their operation under said licenses, nor from its aforesaid obligation to prosecute infringers, nor can the licensees be restored to the respective situations in which they were prior to their acceptance of such licenses. Wherefore the defendant is advised and believes and therefore alleges that the United States as plaintiff ought not in equity, justice and good conscience, to have the remedy of rescission which it seeks by its bill.

Further answering the bill the defendant shows to the Court and alleges that—

LIX. The allegations contained in the bill charging parties, other than the defendant, with having monopolized [45] and attempted to monopolize, and with having conspired and done acts in pursuance and furtherance of an alleged conspiracy, and with having misrepresented and suppressed facts, and with having defrauded divers persons, and principally the allegations to that effect contained in paragraphs Eighteenth to Twenty-fifth inclusive, Twenty-seventh to Twenty-ninth inclusive, Thirty-first, Thirty-second, Thirty-fourth to Thirty-eighth inclusive, Fortieth, Forty-fourth and Forty-seventh of the bill, are insufficient and irrelevant, in that they do not charge or connect the defendant with any of the alleged wrongs and

wrongful acts which they attempt to set forth, and have no relation to any of the relief prayed for by the plaintiff, and are therefore manifestly impertinent and should be stricken out and dismissed from the bill.

Further answering the bill, the defendant shows to the Court and alleges that—

LX. The allegations contained in the bill charging that necessary and essential facts with regard to the seizure, sale and disposition of the patents and other rights referred to in the bill were not stated or disclosed to the President, or to his representative, Frank L. Polk, but were withheld and suppressed from them, and that other facts in connection therewith were misstated and misrepresented to them, and principally the allegations to that effect contained in paragraphs Thirty-fourth and Thirty-fifth of the bill, are insufficient, vague, uncertain and indefinite, in that they are mere conclusions of the pleader, wholly unsupported by allegations of any facts, and are not charged against or connected with the defendant, and are therefore manifestly impertinent and should be stricken out and dismissed from the bill.

[46] Wherefore the defendant prays that the relief prayed for in the bill be denied and the bill dismissed.

The Chemical Foundation, Incorporated,
Defendant,
By (Sgd.) Francis P. Garvan,
Its president.

(Sgd.) William G. Mahaffy,
Guthrie, Jerome, Rand & Kresel,
Solicitors for defendant,
Equitable Building,
Wilmington, Delaware.

(Sgd.) William D. Guthrie,
(Sgd.) Bernard Hershkopf,
(Sgd.) Lucien H. Boggs,
of counsel.

STATE OF NEW YORK,
COUNTY OF NEW YORK. } ss.:

FRANCIS P. GARVAN, being duly sworn, deposes and says: I am the President of The Chemical Foundation, Incorporated, the defendant named in the foregoing answer; I have read the said answer and know the contents thereof, and the same is true of my own knowledge except as to those matters therein stated to be alleged on information and belief, and as to those matters, I verily believe it to be true.

(Sgd.) FRANCIS P. GARVAN.

Subscribed and sworn to before me this 26th day of October, A. D. 1922.

[Notarial Seal] (Sgd.) WILLIAM RAND, JR.,
Notary Public, New York County, N. Y.

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[47] **DEFENDANT'S EXHIBIT No. 1.**

(Offered and Admitted in Evidence as Plaintiff's Exhibit No. 11.)

EXECUTIVE ORDER

By virtue of the authority vested in me by "An Act to define, regulate and punish trading with the enemy, and for other purposes," known as the "Trading with the enemy Act," approved October 6, 1917, and the amendments thereto, I hereby make the following orders and rules and regulations:

I. I hereby vest in the Alien Property Custodian the executive administration of all of the provisions of subsection (c) of section 7 of said "Trading with the enemy Act" as amended by an Act entitled "An Act making appropriations to supply deficiencies in

appropriations for the fiscal year ending June 30, 1919, and prior fiscal years, on account of war expenses, and for other purposes," approved November 4, 1918; and said Alien Property Custodian shall have the power and authority to prescribe forms and procedure for the exercise of the powers and authority vested in him.

II. In the executive administration of said sub-section (c) of section 7 of said "Trading with the enemy Act," the Executive Orders heretofore issued by me by virtue of the authority vested in me by said "Trading with the enemy Act" shall apply; and said Alien Property Custodian is hereby vested with all of the powers and authority heretofore granted to him or vested in him by all Executive Orders heretofore issued by me not inconsistent with this Order.

III. The power and authority heretofore vested in the Federal Trade Commission to issue, pursuant to the provisions of sub-section (c) of section 10 of the "Trading with the enemy Act," or to withhold or refuse a license to any citizen of the United States or any corporation [48] organized within the United States, to manufacture or cause to be manufactured a machine, composition of matter or design, or to carry on or cause to be carried on a process under any patent, or to use any trademark, print, label or copyrighted matter owned or controlled by an enemy or ally of enemy, is hereby continued in full force and effect, provided:

(1) That said Federal Trade Commission shall not have the power or authority to issue any such license whenever the patent, trademark, print, label or copyright with respect to which application for such license is made, shall have been conveyed, transferred, assigned or delivered to the Alien Property Custodian, in pursuance of his requirement, or seized by him;

and whenever any patent, trademark, print, label or copyright shall be or shall have been conveyed, transferred, assigned or delivered to the Alien Property Custodian, in pursuance of his requirement, or seized by him, the Federal Trade Commission shall have no further power or authority with respect thereto.

(2) That said Federal Trade Commission shall notify the Alien Property Custodian of all applications made to it for licenses under said sub-section (c) of Section 10 of the Trading with the enemy Act, so that he may, if he so desires, appear at any hearing and object to the issuance thereof. The Alien Property Custodian, in lieu of appearance, may file with the Federal Trade Commission objections to the issuance of any such license. In no event shall any license be issued until after the expiration of fifteen days after such notice of the application shall have been given to the Alien Property Custodian.

IV. The Alien Property Custodian is hereby authorized to take all measures and do all things that may be necessary or expedient to administer the powers and authority conferred by this Order.

[49] V. I hereby vest in Frank L. Polk all power and authority conferred upon the President by the provisions of Section 12 of said "Trading with the Enemy Act" as amended, other than the Executive Administration of the provisions of said Section 12 pertaining to the designation of a Depositary or Depositaries, which Executive Administration was vested in the Alien Property Custodian by Executive Order of October 29, 1917, and which Executive Order is expressly ratified and continued in full force and effect; provided that this order shall not be construed to revoke or cancel the power and authority vested in the Attorney General by Paragraph XXXII of the Executive Order of October 12, 1917.

Nothing in this Order shall nullify or impair any license heretofore granted by the Federal Trade Commission, pursuant to the provisions of Section 10 of An Act of Congress entitled "An Act to define, regulate, and punish trading with the Enemy, and for other purposes," approved October 6, 1917.

WOODROW WILSON.

THE WHITE HOUSE,
3 December, 1918.

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[50] **DEFENDANT'S EXHIBIT No. 2.**

(An Excerpt From the Report of A. Mitchell Palmer, as Alien Property Custodian, Dated February 22, 1919.)

CHAPTER II.

NOTE: This excerpt was offered and admitted in evidence as Plaintiff's Exhibit No. 12. For convenience this excerpt is printed with Defendant's Exhibit No. 30, which embodies other portions of the report of A. Mitchell Palmer, as Alien Property Custodian.

[111] **DEFENDANT'S EXHIBIT No. 3.**

(Also Offered and Admitted in Evidence as Plaintiff's Exhibits No. 91 and No. 728-B, and as Defendant's Exhibit No. 4-B.)

ORDER BY FRANK L. POLK UNDER AUTHORITY OF EXECUTIVE ORDER OF DECEMBER 3, 1918.

AN ORDER CONCERNING THE SALE, TRANSFER AND RELEASE OF CERTAIN RIGHTS UNDER LETTERS PATENT, TRADE-MARKS AND SIMILAR RIGHTS DETERMINED TO BELONG TO OR TO BE HELD FOR, BY, ON ACCOUNT OF OR ON BEHALF OF OR FOR THE BENEFIT OF PERSONS DETERMINED TO BE ENEMIES NOT HOLDING A LICENSE OR LICENSES GRANTED BY THE PRESIDENT WITHIN THE PURVIEW OF THE TRADING WITH THE ENEMY ACT AND THE AMENDMENTS THERETO.

By virtue of the authority vested in the President by an Act of Congress entitled "An Act to define, regulate and punish trading with the enemy and for other purposes," approved October 6, 1917, known as the "Trading with the Enemy Act," and the amendment to such Act embodied in "An Act making appropriations to supply urgent deficiencies in the appropriations for the fiscal year ending June 30, 1918, and prior fiscal years on account of War expenses and for other purposes," approved March 28, 1918, and the amendment to such Act embodied in "An Act making appropriations to supply deficiences in appropriations for the fiscal year ending June 30, 1919, and prior fiscal years on account of War expenses and for other purposes," approved November 4, 1918, to make certain orders such as that herein contained, which authority has been delegated to me by the Executive Order No. 3016 and signed by the President under the

third day of December, 1918, I hereby, in the public interest make the following determination and order:

The Alien Property Custodian may release and discharge the United States of America and any department thereof upon such terms and conditions as to the Alien [112] Property Custodian may seem proper, from any and all claims and demands arising from any alleged infringement of the letters patent, trade-marks and rights under letters patent and trade-marks hereinafter referred to.

The Alien Property Custodian may sell at private sale without public or other advertisement to the Chemical Foundation, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware at such place and upon such terms and conditions as to the Alien Property Custodian or his authorized agent may seem proper, all of the letters patent, trade-marks and rights under letters patent and trade-marks, including all profits and damages recoverable at law or in equity for the past infringement thereof which the Alien Property Custodian may seize or may have seized under the provisions of the said Trading with the Enemy Act and the amendments thereto, now or hereafter enacted and which he from time to time shall determine relate to the objects and purposes of said The Chemical Foundation, Inc., as expressed and defined by its charter.

My reasons in the public interest for the foregoing determination, order, rule and regulation are:

First: Said letters patent, trade-marks and similar rights can not be sold to the best advantage at public sale after public or other advertisement.

Second: The Chemical Foundation, Inc., has been incorporated for the purpose of holding letters patent, trade-marks and similar rights relating to the chemical and allied sciences as a trustee for American industry,

for the purpose of the Americanization of such industries as may be affected thereby, of eliminating alien interests hostile to said American industries and of the advancement of chemical and allied industry in the United States. The Chemical Foundation, Inc., is obligated to grant non-exclusive licenses upon equal terms at a uniform royalty to qualified American manufacturers and is empowered to grant free licenses to the United States for any use the [113] United States may desire to make of the inventions covered by said letters patent, and similar rights.

Third: The public interest will be best served by a wide use of the inventions covered by said letters patent and similar rights, and such wide use can be most readily promoted by the licenses which the said The Chemical Foundation, Inc., is by its charter obligated to grant.

Fourth: A private sale will prevent said letters patent, trade-marks and similar rights from falling into the hands of purchasers who would be unwilling or unable to put the inventions covered thereby into use, or would use them for purely speculative purposes.

Fifth: It would be impossible to make a public sale of the said letters patent, trade-marks and similar rights so as to secure the foregoing benefits to the public.

Sixth: Unnecessary expense, delay and inconvenience may be avoided by a private sale.

Done in the District of Columbia, this, the 26th day of February, in the year of our Lord one thousand nine hundred and nineteen and of the Independence of the United States of America, the one hundred and forty-third.

FRANK L. POLK.

[114] **DEFENDANT'S EXHIBIT No. 4.**

(Also Offered and Admitted in Evidence as Plaintiff's Exhibits No. 94 and No. 728-E, and as Defendant's Exhibit No. 4-E.)

ORDER BY FRANK L. POLK UNDER AUTHORITY OF EXECUTIVE ORDER OF DECEMBER 3, 1918

AN ORDER CONCERNING THE SALE, TRANSFER AND RELEASE OF CERTAIN COPYRIGHTS, APPLICATIONS FOR LETTERS PATENT AND APPLICATIONS FOR THE REGISTRATION OF TRADEMARKS AND COPYRIGHTS DETERMINED TO BELONG TO OR TO BE HELD FOR, BY, ON ACCOUNT OF OR FOR THE BENEFIT OF PERSONS DETERMINED TO BE ENEMIES NOT HOLDING A LICENSE OR LICENSES GRANTED BY THE PRESIDENT WITHIN THE PURVIEW OF THE TRADING WITH THE ENEMY ACT AND THE AMENDMENTS THERETO.

By virtue of the authority vested in the President by an Act of Congress entitled "An Act to define, regulate and punish trading with the enemy and for other purposes," approved October 6, 1917, known as the "Trading with the Enemy Act," and the amendment to such Act embodied in "An Act making appropriations to supply urgent deficiencies in the appropriations for the fiscal year ending June 30th, 1918, and prior fiscal years on account of War expenses and for other purposes," approved March 28, 1918, and the amendment to such Act embodied in "An Act making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1919, and prior fiscal years on account of War expenses and for other purposes," approved November 4, 1918, to make certain orders such as that herein contained, which authority has been delegated to me by the Executive Order No. 3016, and signed by the President under

the third day of December, 1918, I hereby, in the public interest make the following determination and order:

The Alien Property Custodian may release and discharge the United States of America and any department thereof upon such terms and conditions as to the Alien Property Custodian may seem proper, from any and all [115] claims and demands arising from any alleged infringement of the copyrights hereinafter referred to.

The Alien Property Custodian may sell at private sale without public or other advertisement to The Chemical Foundation, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, at such place and upon such terms and conditions as to the Alien Property Custodian or his authorized agent may seem proper, all of the copyrights, the certificates of registration thereof and the publications upon which said registrations were granted, applications for letters patent and for the registration of trademarks and copyrights and all rights thereunder which the Alien Property Custodian may seize or have seized under the provisions of the said "Trading with the Enemy Act" and the amendments thereto now or hereafter enacted and which he from time to time shall determine relate to the objects and purposes of said The Chemical Foundation, Inc., as expressed and defined by its charter.

My reasons in the public interest for the foregoing determination, order, rule and regulation are:

First: A similar order, rule and regulation relating to letters patent, trademarks and similar rights has been made by me the twenty-sixth day of February, 1919, and this order is supplemental thereto and necessary to fully carry out the objects and purposes of said order of February twenty-sixth, 1919.

to such act embodied in "An Act making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1919, and prior fiscal years on account of war expenses and for other purposes," approved November 4, 1918, to make certain orders such as that herein contained, and all other powers and authorities me hereto enabling, I do hereby make the following determination and order:

WHEREAS by Orders dated February 26, 1919, and April 5, 1919, made by Frank L. Polk under the authority of Executive Order No. 3016 of December 3, 1918, the Alien Property Custodian was authorized to sell and convey to the Chemical Foundation, Inc., a corporation organized and existing under and by virtue of the laws of [118] the State of Delaware, certain choses in action and rights, interests and benefits heretofore determined to belong to, or to be held for, by, or on account of, or for the benefit of persons heretofore determined to be enemies; and

WHEREAS it was the intention of the said Executive Orders to authorize the said Custodian to sell and convey thereunder, all choses in action, rights, interests and benefits under agreements and rights and claims of every character and description including rights to receive moneys by way of royalties or otherwise as compensation for the use of patents, trademarks or tradenames, which the Alien Property Custodian may have seized under the provisions of the "Trading with the Enemy Act" as amended, and which he had from time to time determined to relate to the objects and purposes of the said The Chemical Foundation, Inc., as expressed and defined in its charter; and

WHEREAS doubt has arisen as to the authority of the said Alien Property Custodian to sell and convey to the said The Chemical Foundation, Inc., certain of the said choses in action, rights, interests, benefits under

agreements, and rights and claims including rights to receive moneys by way of royalties or otherwise, as compensation for the use of patents, trademarks or tradenames;

Now, THEREFORE, I, Woodrow Wilson, President of the United States of America, do hereby in the public interest, determine and order that the Alien Property Custodian is hereby authorized to sell at private sale, without public or other advertisement, to The Chemical Foundation, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, at such place and upon such terms and conditions as to the Alien Property Custodian may seem proper, all choses in action, rights, interests and benefits under agreements and rights and claims of every character and description which the Alien Property Custodian may seize or may have seized under the provisions of the "Trading with the Enemy Act" and the amendments thereto now or [119] hereafter enacted and which he from time to time shall determine relate to the objects and purposes of the said The Chemical Foundation, Inc., as expressed and defined in its charter.

The Alien Property Custodian is also hereby authorized in the case of sales heretofore made by him of any property which he is hereby authorized to sell, but as to which his authority to sell the same under the said Orders of February 26, 1919, and April 5, 1919, may be deemed doubtful to confirm and ratify the said sales by the execution and delivery of a suitable instrument of confirmation.

My reasons for the foregoing determination and order are stated in the said orders of Frank L. Polk of the 26th of February, 1919, and the 5th of April, 1919; and in addition thereto, the public interest will be best served by the elimination of any enemy inter-

est adverse to American citizens arising by reason o
said choses in action, or rights, interests and benefit
under agreements and by the devoting of any pay
ments made by reason of said choses in action or unde
said agreements by The Chemical Foundation, Inc., t
the promotion of the objects stated in its charter.

Done in the District of Columbia this 13th day o
February in the year of Our Lord One Thousand Nin
Hundred and Twenty, and of the Independence of th
United States the One Hundred and Forty-fourth.

WOODROW WILSON.

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[120] **DEFENDANT'S EXHIBIT No. 6.**

(Offered and Admitted in Evidence as Plaintiff's Exhibit No. 16.)

ADDRESS

OF

FRANCIS P. GARVAN, ALIEN PROPERTY CUSTODIAN,

BEFORE

THE NATIONAL COTTON MANUFACTURERS' ASSOCIATION

April 6, 1919

For nineteen months I have been engaged in a study of German industrial life and its manifestations and activities in the United States, and I come here to give you as briefly as I may a few of the incontrovertible facts which my experience has made clear.

First and foremost, be it understood that this was an industrial war, brought on by industrial Germany in her lust-mad haste to capture the markets of the world. Industrial Germany in its arrogance and pride preferred the formidable hazard of battle to the progressive and sure infiltration which within ten o

twenty years might well have given her the world domination she sought from complacent and unthinking peoples.

Industrial Germany was in control of Imperial Germany. Industrial Germany sympathized and participated in the preparation for this war. Industrial Germany waged this war. Industrial Germany was the first to see defeat and forced the military peace, in order that with her industrial equipment intact she might continue that same war by intensified and concentrated economic measures.

Her ambitions are the same in peace and in war. Her methods are the same in peace and in war. Destroy your business competitor by state aid, cartel combination, dumping, full-line forcing, bribery, theft of patents or inventions, espionage, and propaganda! Destroy your [121] military adversary by tearing up sacred treaties, by unlicensed and unbridled submarine and poisonous gas warfare, by the destruction of factories, mines and vineyards, by terrorism and vandalism!

You or I have yet to hear one word of a change of heart or purpose; one word of regret or shame; one word of dispraise for any leader in the past holocaust. On the other hand, hold to the fact that at this moment the four men best fitted to conduct a ruthless economic war upon this country, the four men who planned, instigated and paid for all the black history of lawlessness under which we suffered for two and a half years, Dr. Albert, Dr. Dernburg, Captain Boy-Ed, and von Bernstorff, are the helmsmen of the present German Government. Dr. Heinrich Albert is now Under-Secretary of State; Herr Bernhard Dernburg is now Minister of Finance; Boy-Ed is Director of the Intelligence Section of the Foreign Office, the Espionage and Propaganda Division; and that arch-crim-

inal, Bernstorff, is over them all, directing and leadin the new Government.

Has the war ended for you?

It was Germany's chemical supremacy that gave he confidence in her avaricious dream of world empir It was Germany's chemical supremacy that enable her to wage four years of pitiless warfare. And it i Germany's chemical supremacy upon which she relie to continue this war; and for that supremacy she pay homage to her dye industry, and counts upon that dy industry to maintain it.

Since 1866 Germany has recognized the fact tha upon the development of the dye industry rested he entire development of organic chemistry, that upo the development of organic chemistry rested, in a ever-increasing measure, all the development of mod ern business, and modern warfare.

And so she cherished the industry with wisdom an prevision while it was still in its childhood, and b her patience, by her persistence, by the willingnes of her [122] people to sacrifice in unselfish co-opera tion, she has gradually transformed the plans mad in the year 1866 into the reality of today.

And now she realizes that her dye industry consti tutes her keenest wedge with which to force her wa back into the world trade. She calls the dye industr her chief "Protective Industry," and has laid out fo it a program of state protection and aid which shoul startle us. She proposes to use the alleged necessi ties of the world for her dyes to force all her othe exports. In other words, she proposes to use it as club with which to fight her way back into commer cial society.

Prior to the war the German dye industry wa united into three cartels with some independent com panies outside. All are now united into one monste cartel, the I. G. Company, with Mr. Weinberg, the ol

head of the Cassella Color Company, as its president, and a capitalization of hundreds of millions of dollars. Germany has taken it under state aid and protection; she has decided to establish a guaranty fund whereby all industries share the losses the cartel may be compelled to face through dumping, bribery, or other expense incurred in reasserting her dye monopoly of the world. She looks forward to granting it trade export premiums, freight rebates, intensified consular service, and state guarantees against labor troubles.

As a result, our young but vigorous industry stands here today in direct competition, not only with the great cartel I. G., but with that great cartel sustained and supported and subsidized by the entire strength and wealth of the German kingdom.

Over three billion dollars of annual business in America, including yours, are dependent upon the dye industry. Is there any doubt that the destruction of the American industry means your enslavement to that cartel, and your destruction when it becomes the whim of that cartel?

For years that three billion dollars of annual business was dependent upon the graciousness of German ambition. [123] The time had not come when it seemed to their self-interest to cripple or destroy it, but when the war came on, in an instant Germany felt the force of your dependence and attempted to use your necessities to influence the policies of your Government. There was a considerable period when Germany could have relieved your distress; but would not. There was a period thereafter when her branches here might have assisted you; but they would not.

Listen! April 25, 1915, Boy-Ed, of ill-smelling fame, writes to Albert: "Very Honorable Privy Counsellor. Today's *World* prints the enclosed short article on the alleged erection of dye factories in New Jersey

by Germans. In case you are not able to take any steps to prevent an undertaking of this kind, I am requesting you to indicate to whose attention I could call the matter. With greetings, etc." Signed, Boy-Ed.

Albert answers, April 28, 1915: "Very Honorable Captain: With regard to dyes, I got into touch with local experts in order to determine what truth there is in the news. According to my knowledge of things, the matter is a fake, inasmuch as our factories have bound themselves orally and by word of honor to do nothing in the present situation which might help the United States." . . .

But even greater than the importance of the dye industry in commercial life is its absolute necessity in modern warfare. I quote from Dr. Schweitzer:

"In no other field has German efficiency proven its superiority as in that of chemistry. While this was anticipated before the present war, it is no exaggeration to state that the German chemist has so far contributed as much, if not more, to the success of the campaign than the strategist, the army and the navy, and that, therefore, the present holocaust may be justly called the 'chemists' war.'"

Eighty per cent of her explosives, and all her poisoned gases, were manufactured by Germany's dye factories . . .

[124] A Commission appointed by the Allied Governments has just reported to their respective Governments: "At first, chlorine and phosgene were the main requirements, but afterwards a variety of organic substances were employed, all of which were made by the factories of the I. G. combination, and many of these substances were new and difficult to prepare, and rapid production was only possible owing to the speed with which the peaceful organization of the dye factories could be utilized for these purposes.

When the Government wished to introduce a new gas, a conference of the various firms was held at Berlin to determine how the manufacture should be subdivided in order to use the existing plant to the best advantage. For instance, the initial stages of the manufacture of mustard gas were carried on at Ludwigshafen, and the final stage at Leverkusen."

They go on: "In the future it is clear that every chemical factory must be regarded as a potential arsenal, and other nations cannot, therefore, submit to the domination of certain sections of chemical industry, which Germany exercised before the war. For military security it is essential that each country should have its chemical industry firmly established, otherwise we are leaving Germany in possession of a weapon which will be a permanent menace to the peace of the world.

"The key to Germany's war production of explosives was the Haber process for the production of ammonia from atmospheric nitrogen. Without such a process Germany could not have made the nitric acid required for her explosive program, nor obtained fertilizers for food production after the supply of Chile saltpetre had been stopped by our blockade, and it is probable that she could not have continued the war after 1916. In the event of another war, we might be cut off from supplies of saltpetre, while Germany would be independent of them."

Gas warfare, and its development, even if forbidden by the League of Nations, cannot safely be left in German hands, and organic substances will be employed which [125] we do not know today. Any country without a well-developed chemical industry is in danger.

Useless your armies and your navies, your U-boats and your aeroplanes, unless by means of a developed dye industry you keep abreast with modern chemical warfare.

But this industry has had, and now has, another great function in Germany's machine. It was, and is, the basis of her espionage and propaganda system.

True it is that we had in this country the Orenstein Arthur-Koppel Company, a German concern owning a large plant at Koppel, near Pittsburgh. The chief business of that company was the manufacture and installation of what is known as "inside transportation," that is, narrow gauge railways, dump cars, traveling cranes, and machinery of a similar sort used in large industrial plants. It was the American branch of a great German house with connections in all the great countries of the world. For twenty years it has put in bids based upon the plans and specifications of every big industrial plant built in this country; and for that same twenty years, blueprints of these specifications and floor plans and elevations have gone on file in the Government office in Berlin.

True it is that in this country we had eighteen branches of German insurance companies, largely engaged in the reinsurance business; and that these companies collected for their own use detailed plans of all property insured by them, with especial reference to the hazard of the insured buildings from fire, explosion or other causes; and duplicates of these plans and drawings also found their resting place in the Berlin office. And we wondered at the accuracy of our factory fires and explosions!

True it is that Germany, through the Bosch Magneto Company, the Eisemann Magneto Company and the Boonton Rubber Company, had a practical monopoly of the ignition systems in America, and through this combination the files of the central office in Berlin were kept [126] up to date with all plans for improvements in military trucks, gasoline boats and aeroplanes.

Let me read you Manager Otto Heins' report to Dr.

Albert of the activities of the Bosch Magneto Company in this your country, at that time neutral:

"Honored Mr. Albert: In connection with the obstruction policy upon which we agreed at the beginning of the war in matters concerning deliveries of our products, especially the special magneto apparatus, I should like in the following to make several statements from which one will clearly see that the accomplished obstruction policy has in every way been successful. In short, we had great difficulty at the beginning of the war in withholding the much-needed special aeroplane apparatuses from the Allies, and in preventing the Allies, especially the English, from immediately attempting to manufacture them for themselves. Special apparatuses are involved in flying machines, airship and speed boats. These apparatuses are very different from the normal apparatus used on automobiles and motorcycles. We have freely supplied them with ordinary apparatuses; but, *in accordance with our agreement*, we have entered into apparent negotiations with the representatives of the Allies, creating in their minds the impression that they would receive also the special apparatuses at the present time. These negotiations began immediately after the first declaration of war, and it was possible, on account of their technical character, to extend them many months into the war. Our policy lulled them into the certainty that they would receive the special apparatus, and only now, November 30, fifteen months after war began, have they realized our duplicity."

He goes on to state that this policy has been carried out despite the fact that these contracts were in many instances subcontracts with American firms; and he gloatingly continues that as a result of his activities in this country England, in October, 1915, found herself unable to defend London against their air raids, and states [127] that France was in a much better

position to protect herself against air raids because of her confiscation of the Bosch factories in Paris at the beginning of the war. I wonder how many women and children were killed!

True it is that the Hamburg-American Line and the Nord Deutsche Lloyd kept faithful tab for Berlin on a thousand details of our business life which came under their observation; that not a ship left our harbors, not a cargo was loaded or unloaded, but that some member of its organization watched and reported every detail to be sent by code to the German Government.

But greater than all, and forming the foundation of her entire espionage and propaganda system, stood the dye industry. Her trained observers enjoyed full access to the business they supplied, and regularly and faithfully reported each and every detail of the three billion dollars of annual business dependent upon the dye industry in this country. As long as you were supplied by the "Big Six," your business had no secret unknown to Berlin. In Berlin you will find a card index system which recites every fact connected with each and every one of your concerns that can be of any possible value to your rivals over there.

The head of that system in this country for years before the war was Dr. Hugo Schweitzer, president of the Bayer Company. Right here you will be glad to know that the Bayer Company is now 100 per cent American, having been bought by loyal Americans. He was given his Secret Service number by the Imperial Minister of War, 963,192,637. He came to this country, became a citizen on the instruction of the German Government, eventually was made the head of the Bayer Company, and led the espionage and propagandist movements here down to the day of his sudden death in November, 1917. His regular reports to Germany are the story of your prewar slavery and the

story of the activity of each and every representative connected with the old "Big Six" to perpetuate that slavery. When Albert came here, to [128] assume the leadership of that system, it is to Schweitzer he first turns. And then we find Schweitzer bringing to Albert's office from day to day those other smiling gentlemen who sold you the "peerless dyes" in the past. From that moment Germany's trade outposts in this country were turned into ministers of lawlessness and destruction.

A word or two of his activities. Schweitzer was the inventor of the idea of the purchase of the New York *Evening Mail.* Schweitzer was the inventor of the idea of the German Publication Society, formed to publish, for our delectation, the literature of German Kultur. Schweitzer, with Henry Weissmann, president of the German-American Alliance, we see forming the Printers and Publishers' Association, another attempt to create an English-language newspaper to present Germany's side of the war. Over thirty trained chemists, his lieutenants, are now interned.

We find Albert, about to go home, in January, 1917, turning over to Schweitzer $1,178,882.08; and again, on February 2, $300,000, all to be spent in espionage and propaganda. We find Schweitzer using the chemical branches of the "Big Six" in this country to form the Chemical Exchange, by which all available phenol supply in America was turned away from the manufacture of picric acid for explosives for the Allies, with a profit, out of America's pocket, to Germany of $1,650,000.

Listen to Albert's praise:

"The breadth of high-mindedness with which you at that time immediately entered into the plan has borne fruit as follows: One and a half million pounds of carbolic acid have been kept from the Allies. Out of this one and a half million pounds of carbolic acid four

and one-half million pounds of picric acid can be produced. This tremendous quantity of explosive stuffs has been withheld from the Allies by your contract. In order to give one an idea of this enormous quantity the following figures are of interest:

[129] "4,500,000 pounds equals 2,250 tons of explosives. A railroad freight car is loaded with 20 tons of explosives. The 2,250 tons would, therefore, fill 112 railway cars. A freight train with explosives consists chiefly of 40 freight cars, so that the 4,500,000 pounds of explosives would fill 3 railroad trains with 40 cars each.

"Now one should picture to himself what a military coup would be accomplished by an army leader if he should succeed in destroying three railroad trains of forty cars, containing four and a half million pounds of explosives.

"Of still greater and more beneficial effect is the support which you have afforded to the purchase of bromine. We have a well-founded hope that, with the exclusion of perhaps small quantities, we shall be in a position to buy up the total production of the country. Bromine, together with chloral, is used in making nitric gases, which are of such great importance in trench warfare. Without bromine these nitric gases are of slight effect; in connection with bromine, they are of terrible effect. Bromine is produced only in the United States and Germany. While, therefore, the material is on hand in satisfactory quantities for the Germans, the Allies are entirely dependent upon importation from America."

Gentlemen, did you intend by your support of the German dye industry to leave the Allies defenseless against the poison gas made by that German dye industry?

But that is not the worst. At Bogota, New Jersey, in the New Jersey Agriculture Chemical Company, Dr.

Schweitzer employed Dr. Walter Scheele, who was the inventor, in that little town of New Jersey, in 1913, of mustard gas, the formula of which he transmitted through Captain von Papen to Germany as soon as the war broke out. This is the mustard gas which laid low your brothers on the plains of France. And for Scheele, Dr. Schweitzer laid out the plans for the preparation of the bombs which destroyed your ships in your harbors.

Untold millions were spent by this man in propaganda [130] and espionage in the United States. In the two years before we entered the war, the Bayer Company drew $2,000,000 from the profits of its Orient and South American houses, which money was spent here, for what purposes we can well imagine. Practically all the dye salesmen you saw were only nominally in the employ of the branches here; all had secret and personal contracts with the home office.

All that I have said of Schweitzer is typical of practically all representatives of German dye houses in this country. Wherever we have found espionage or propaganda activity, there you will find those names so familiar to you in the days of your slavery. You will find the same gang returning, decrying our dyes, selling apparently Swiss or unmarked dyes, telling you tales of German distress, serving as ever their Fatherland. Be on your guard.

Coincident with the development of Germany's dye industry came the general development of her chemical strength. It offered great incentives to young men. It developed a large body of trained scientists. It encouraged and fostered the spirit of research in all lines, and added to the effectiveness of practically every industry in the empire. Nowhere is this more striking than in the supremacy Germany was attaining in chemical medicine.

One other thought I want you to have in mind is this: For four years now the chemical science developed by the dye industry of Germany has focussed its mind largely upon substitutes for the raw material she has hitherto received from the outside world. The leader of her chemical industry in this country, Dr. Hugo Schweitzer, of whom I will have more to say later on, wrote to his Government:

"All these endeavors to substitute cotton may appear ridiculous to us who have been brought up with the idea that Cotton is King and that America has been designed by fate to supply this fiber to the civilized world. The farmers who cultivated the madder root, and the planters [131] who raised indigo, were also inclined to jest when they were apprised of the fact that German chemists had succeeded in reproducing in the laboratories the dyes which their crops furnished; but when the manufactured materials drove the natural products from the market, and left the farmers and planters without a job, hilarity ceased. History may repeat itself and willow-bark and nettle, or some other substitute, raised on German soil, may, in the near future, depose King Cotton. The German chemist has a duty to perform, and with his perseverance and application he does not shrink from any problem, however difficult it may appear to outsiders."

Gradually Germany was obtaining control of the pharmaceutical industry of the world, and gradually it was dawning upon her that this development too might put in her hands an even more powerful weapon than explosives or poisonous gas in her conscienceless conquest of the world. Most of the great discoveries in chemical medicine came directly from the dye laboratories. Are you content that the development of chemical medicine shall remain the exclusive possession of the German nation as we now know it?

Briefly then I have tried to give you a picture of the

situation of this country in its relation to the dye industry, as our daily experience of the past eighteen months unrolled it before us. Do you wonder that A. Mitchell Palmer and all those who fought under him were shocked beyond measure, and could not rest until Congress had amended the Act and had given us the power under which we have rooted out each and every branch of that system and sold it into the hands of patriotic Americans?

But that was not enough. Germany had misused our patent system, just as she had misused and violated our Sherman Law, our anti-dumping laws, our anti-bribery acts, our business code, and our common code of honesty. She had taken out patents for all her developments, covering, in many instances, not only the processes, to prevent manufacture here, but also the product, to prevent [132] our taking advantage of any possible development in the dye industry of other countries.

4,500 of these patents which applied to chemistry Mr. Palmer has sold for the benefit of American industries to a quasi-trustee corporation, called the Chemical Foundation. This company is capitalized for $500,000, $400,000 being six per cent preferred stock and $100,000 common stock, also limited to dividends of six per cent.

The stock has been all underwritten by members of the Dye Institute, each and all taking their share, and is now in process of distribution through the dye producers and, eventually, through the consumers. It is the intention that ultimately no one will own more than a thousand dollars' worth of stock, eight hundred preferred and two hundred common.

All license fees accruing to the Foundation will be used first to pay back the preferred stock. All surplus then above the six per cent actually invested will be ex-

pended for the development of research and the encouragement of the chemical industry of America.

Its executives serve with enthusiasm and without pay. All its stock is trusteed for a period of seventeen years. Its management and its policies are controlled by a Board of Trustees, consisting of Otto Bannard, President of the New York Trust Company, Chairman; Cleveland H. Dodge; George L. Ingraham, late Presiding Justice of the Appellate Division of the New York Supreme Court; Ralph Stone, President of the Detroit Trust Company; and Benjamin Griswold, of Brown & Son, Baltimore. These gentlemen have been serving as the Advisory Sales Committee of the Alien Property Custodian for over a year. They represent the highest standard of American patriotism and disinterestedness. Long lives of manifested ability, long lives of unselfish service to their country, guarantee the character of the Chemical Foundation.

Its counsel is Joseph H. Choate, who as a dollar-a-year man, has given eighteen months of tireless and efficient [133] service in the exclusive study of the chemical situation. Its patent counsel is Ramsay Hoguet.

This Foundation proposes to license to any competent, equipped and patriotic American, individual, firm or corporation, such of these patents as, with the help and encouragement of the Foundation, may be utilized. This Foundation proposes to begin to fight at the customs gate against any violation of the patents now owned by it, whether they appear as denationalized or camouflaged products seeking to enter through neutral sources. It proposes to establish an Intelligence Department which will co-ordinate, preserve and utilize all the chemical information gathered by every department of the Government during the war, and make that information available to the American public that they may know the exact truth as to the past, and may

be kept apprised of all German activity, either through its own agents or its American connections, during every stage in the coming struggle.

It proposes to match with watchfulness and pitiless publicity all future attempts at espionage or propaganda in our land. It proposes to expose all unfounded criticism directed against our productions, and, on the other hand, to do what it can to prevent producers or dealers here casting reflection upon our industry by the marketing of inferior or dishonestly described products.

It proposes to encourage and foster chemical research by co-operation with the forces already at work; by offering some hope of protection and reward to the loyal research men in the United States Government Service, who now by Department rule have to dedicate their inventions to the public, a course which results only in Germany transferring these inventions to her own laboratory system for development or exploitation.

It proposes to bring about a closer union of the university and the factory. It has taken over all German copyrights, and will thus free much scientific literature [134] from the shackles of the German language. It proposes to place all possible information on our situation before Congress, and ask the passage of a law establishing a license system governing all chemical importations for a period of ten years. It is intended that this license system shall act at one and the same time as a guarantee to you and all other dependent industries for proper importations to enable you to meet the competition of other lands, and to protect and guard our growing chemical independence. In this we ask no more than England, France, Italy and Japan have already decided to grant on behalf of their own independence. This request we base upon the following grounds:

1. Fairness to the $450,000,000 invested in the chemical business by loyal Americans in the hour of our need.

2. Independence and freedom of the textile, leather, paper, paint and varnish, pharmaceutical three-billion dollar essential American business.

3. The necessity of our national defense.

4. The destruction and prevention of the German system of propaganda and espionage in our land.

5. The advancement of pure science and research.

6. The advancement of medical science.

The granting of this license system is not a question of conflicting economic schools. It is the question of our national independence, safety and education.

Once we are assured time in which to work out our salvation, we hope to turn to our dearest objective. Already we have started to make a survey of our laboratory equipment, Governmental, university and factory. Already company after company have passed resolutions through their Boards of Directors, placing at the disposal of our Trustees, under such terms and conditions as those Trustees may dictate, their entire research capacity. Government laboratories and university laboratories have also been assured us. Gentlemen, we know that offer will be unanimous.

[135] We will soon be able to go to the medical profession of America and offer to them the entire capacity of the country for experiment and research for the betterment of mankind. One medical chemist in one dye factory in Germany discovered the cure for syphilis, the deadliest enemy of mankind. The same medical chemist, in the same dye factory, discovered the cure for the sleeping sickness of Africa which made a continent habitable. What can we not hope for when the American medical profession is given unbounded scope and opportunity?

We are assured that somewhere within that realm

lies the hope of the cure for consumption, cancer, and many of the seizures which rob us of our little ones. Can it be that herein lies the opportunity of converting the forces which up to now have been directed only toward desolation and destruction into the channels of alleviation and helpfulness to humanity? Can it be that through this medium idealist America may snatch the torch of misapplied Science from the barbarian, and place it in the hands of an enlightened civilization?

Gentlemen, Drs. Albert and Bernstorff reported to their Government that America could never establish the dye and pharmaceutical industry in this country, as we lacked the moral power for the creation of such an industry; that here each party pursued its own selfish interests, but nobody kept the whole in mind; that this problem could only be solved through regard for all points of view, and that the conflicting selfishnesses of this country rendered that solution impossible.

The Chemical Foundation answers this statement with a challenge, and if it can only become the coordinating forum for American patriotism, American sacrifice, and American ability, it awaits the issue with serenity.

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[136] **DEFENDANT'S EXHIBIT No. 7.**

(Offered and Admitted in Evidence as Plaintiff's Exhibit No. 17.)

PROSPECTUS

THE CHEMICAL FOUNDATION, INC.

The Chemical Foundation is a corporation organized *at the suggestion of the Alien Property Custodian,* by members of the American Dyes Institute, the American Manufacturing Chemists' Association, and other

gentlemen engaged in various branches of the chemical industries, to buy from the Alien Property Custodian and hold for the chemical industries and for the country at large, the German-owned United States chemical and allied patents taken over by the Alien Property Custodian under the amendment of November 4, 1918, of the "Trading with the Enemy Act."

The Company is a Delaware corporation, capitalized at $500,000.00, of which $400,000.00 is preferred stock, and $100,000.00 common stock. Each of these stocks is limited so that it can receive no more than 6% dividends. The preferred has a preference as to both principal and income, but has not voting power except upon the question of amendment of the charter. The common stock has full voting power. None of the stock of either class can be transferred except by consent of the Board of Directors. The charter provides that the preferred stock shall be subject to redemption as a whole at par on January 1, 1921, or on any first of January thereafter, as the directors may determine, and that it shall be so redeemed whenever the accumulated surplus amounts to 100% of the total issued and outstanding stock of all classes. The common stock is to be issued under an obligation to deposit it in a voting trust which is to continue until January 1, 1936.

The trustees, in whom under the voting trust agreement, the control of the Foundation will be lodged, are the following gentlemen, who have been serving for many [137] months as the Advisory Committee which has passed upon all sales made by the Alien Property Custodian:

Otto T. Bannard, Esquire. (Chairman The New York Trust Company, N. Y.)

Hon. George L. Ingraham. (Late presiding Justice Appellate Division, First Department, New York Supreme Court.)

Cleveland H. Dodge, Esquire.

B. Howell Griswold, Jr., Esquire. (Of Alexander Brown & Sons, Baltimore.)

Ralph Stone, Esquire. (President, Detroit Trust Company, Detroit, Michigan.)

The Trust Agreement gives those trustees the power to fill vacancies in their board, so that during the continuance of the trust they will be a self-perpetuating body. They elect the directors of the Company, whose resignations are always in their hands.

The officers and directors of the Foundation are as follows:

President, Mr. Francis P. Garvan. (The Alien Property Custodian.)

Vice-President, Col. Douglas I. McKay. (Late Colonel, General Staff, Vice-President of J. G. White & Co., and Deputy and Police Commissioner of the City of New York under Mayors Gaynor, Kline and Mitchel.)

Treasurer and Secretary, Mr. George J. Corbett.

Assistant Secretary, Central Union Trust Company.

These gentlemen are for the present serving without salary. For its patent counsel the Foundation has retained Mr. Ramsay Hoguet, of the New York firm of Emery, Varney, Blair & Hoguet, to whom, as patent counsel for the Alien Property Custodian has been due the successful accomplishment of the enormous task of finding and transferring the German patents. The General Counsel of the Company is to be Mr. Joseph H. Choate, Jr., who for the past year has been entirely occupied in the chemical part of the work of the Alien Property Custodian's Bureau of Investigation. Substantially the whole [138] of the special knowledge, in this field, acquired by the Alien Property Custodian and his staff, is thus at the disposal of the Foundation. It is believed that all of the trustees, officers and counsel of the Foundation are com-

pletely dissociated from the dye-producing and dye-consuming industries.

The entire capital stock of the Foundation was underwritten by the members of the American Dyes Institute and the Manufacturing Chemists' Association, and these underwriters have provided in advance so much of the capital as is required for the purchase of the patents. In this underwriting, however, the greater portion of the subscriptions came from a few of the larger manufacturers. In order to render it certain that the control of the Company can never be vested, even at the termination of the voting trust, in any small group of interested parties, the underwriters are now endeavoring, under the supervision of the Alien Property Custodian, to distribute the stock subscribed for as widely as possible among the chemical and allied industries. In any event no subscriber will be allowed to hold more than two, and possibly not more than one, share of the common stock, which has the voting power. It is hoped that when this distribution is complete, no single subscriber will retain more than $5,000.00 of the preferred stock. If this can be realized, the Foundation will remain, even after the dissolution of the voting trust, the impartial representative of all the industries affected. After the success of the Company shall have been demonstrated in actual operation, it is hoped that the consuming industries may also be brought in.

To the Foundation as thus organized, the Alien Property Custodian has sold for the sum of $250,000.00 substantially all of the German dye and chemical patents seized by him, except those which were included in the sale of the Bayer Co., Inc., which took place before the organization of the Foundation. The patents cover a very wide field, the classification including metallurgy, [139] fertilizers, fixation of nitrogen,

hydrogenation of oils, etc., and number approximately forty-five hundred. Arrangements for the transfer of these patents are nearing completion, and should be wholly completed by April 10th. They will be used to encourage manufacture in this country and discourage importation from Germany. The Foundation will issue non-exclusive licenses under them, on reasonable and equal terms, to manufacturers whose Americanism and competence are unquestioned. It will also prosecute with all possible vigor, suits against all persons who attempt to import any infringing product. Since many of the patents are product patents, the Foundation should be able to exclude infringing goods from any source whatever, and should thus be able to give effective protection to a part at least, of the new American dye industry.

In addition to the patents, the enemy trademarks taken over by the Alien Property Custodian have likewise been sold to the Foundation. A plan is being formulated under which it is hoped that the Foundation will be able to license American manufacturers to use these trademarks. The intention is to issue such licenses only when the goods to which the mark is to be attached, are found on examination by the Foundation itself, to be equal or superior to those of the original owner. Such trademarks would then represent to the public a guarantee of quality furnished by an impartial body, and would thus give American manufacturers an important advantage over foreign competitors.

The Foundation also hopes to purchase the German copyrights covering the indispensable literature of science. By this means it should be able to render vastly more accessible than at present many of the necessary scientific publications. The Foundation also has power under its charter, to purchase new patents, and it is hoped that this may become an important field of its activities. It seems clear that an immense

stimulus will be offered to chemical invention by the provision of such a disinterested [140] and impartial possible purchaser; at the same time, such purchase would be valuable to the public at large, as all inventions thus produced will be available for immediate use by any suitable manufacturer, and cannot be suppressed.

The chief usefulness of the Foundation, however, is expected to be as a centre of research. Its charter provides that after the redemption of the preferred stock, the free net earnings of the Corporation shall be "used and devoted to the development and advancement of chemistry and allied sciences in the useful arts and manufacture in the United States." If the patents turn out to be as valuable as is hoped, this provision should render a considerable income available for research purposes, and for this work the Foundation is in a position of unique advantage. It forms a link of a type heretofore unknown between industrial and academic research. It is in a position to bring about in this country co-operation between the laboratories of the university and those of the dye works as close as that which has worked such wonders in Germany. Informal offers have already been received from important laboratories, placing their facilities at the disposal of the Foundation, and resolutions looking to the same end are already pending before the governing bodies of various large Companies and institutions. As a preliminary step in this direction, the Foundation intends to take a laboratory census of the country, a thing which it is believed has never been attempted, and hopes thus to create a Bureau of Information where any scientist at the start of an important research, may be able to ascertain where the facilities which he needs are obtainable, and what institution has already made progress along similar lines. This Bureau should also be able to aid in bring-

ing together those who wish to undertake and those who are interested in such researches. These activities will furnish an important aid in what is perhaps the most important work now before [141] the country, the advancement of chemical science in the industries, and particularly in medicine.

The Foundation has taken offices in the Market and Fulton Bank Building, 81 Fulton Street, New York, but these are not obtainable until May 1, 1919. Until that date the temporary office will be maintained in the law offices of Evarts, Choate & Sherman, 60 Wall Street, New York City.

April 4th, 1919.

THE CHEMICAL FOUNDATION, INC.

FRANCIS P. GARVAN
DOUGLAS I. MCKAY
GEORGE J. CORBETT
Directors.

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[142] **DEFENDANT'S EXHIBIT No. 8.**

(Offered and Admitted in Evidence as Defendant's Exhibit No. 320.)

THE CHEMICAL FOUNDATION, INCORPORATED

In order to free the American manufacturing chemical industry from the limitations imposed upon it by the Enemy owned United States chemical patents, The Chemical Foundation, Incorporated, has been organized to buy, and has bought from the Alien Property Custodian, the greater part of all such patents in all branches of the chemical industries. The Foundation is a quasi-trustee corporation organized not for profit, but to hold and defend present and future patents for

the benefit of American industry, and to act as a center of industrial and scientific research. As such it is believed that its work will profoundly affect most chemical enterprises in the United States. It is therefore desirable from the point of view both of the public and of those engaged in the industry, that the stock should be held, not in large blocks by a few companies, but in the greatest possible number of small holdings. To this end subscriptions to the stock of the Foundation are invited.

The subscription requested is for one thousand dollars ($1000) of the stock, or such less amount as may be allotted, in the proportion of four shares of preferred to one of common. This indefinite form is adopted in order to procure the widest possible distribution, and so that if enough subscriptions are received the amount held by each purchaser may be reduced to a minimum. The Foundation reserves the right to reject in whole or in part any subscription even though made in response to this statement, and also to close the subscription books at its discretion without notice.

The authorized capital of the Foundation, all of which is to be issued, is $500,000, divided into four thousand shares of preferred and one thousand shares of common stock, each share being of the par value of $100. Each [143] class of stock is limited *to not more than six per cent* annual dividends. The limitation of each class of stock and the rights of its holders are set forth in the Charter, of which a copy is enclosed. Each is transferable only with the consent, endorsed thereon, of the Corporation.

The preferred stock is preferred as to principal and is entitled to a fixed cumulative dividend when and as declared of six per cent, but is subject to redemption as a whole at par and accumulated dividends on Jan-

uary 21, 1921, or any first of January thereafter. It is hoped that this power will be exercised and the whole of the preferred stock redeemed as early as possible. This class of stock has no voting power except upon the question of the amendment of the charter.

The common stock has full voting power, but is also limited as to dividend to six per cent, payable only after payment of all accumulated dividends due upon the preferred Surplus earnings, over the sum required for this dividend, and to be applied first for the redemption of the preferred, and thereafter for research and the advancement of science. A trust agreement has been prepared for the purpose of placing in the hands of trustees the entire issue of common stock, and none will be issued except upon a subscription, in the form enclosed, authorizing the directors to issue such common shares as may be allotted to the subscriber, directly to the Trustees, who will thereupon issue to the subscriber trust certificates in place thereof. The Trust-certificates, like the stock, will be non-transferable except with the consent of the Foundation. They will entitle the holder to such dividends as may be received by the Trustees on the stock represented thereby, and also of course to delivery of the stock itself on the dissolution of the Trust-agreement. The Trust is to continue till January 1st, 1936.

Under subscriptions made in accordance with this offer, the subscriber, if accepted, will receive eight shares or less of preferred stock, and voting trust certificates covering two shares or less of common stock. The preferred [144] will give the subscriber a voice in the amendment of the charter. The common will give a vote, after the dissolution of the trust, in all corporate affairs. As the Foundation may be expected to develop into a permanent and powerful body, this may be a right which no important business can afford to do without. The common stock, however, can-

not be a source of profit, since the charter requires surplus to be used for public purposes. It should also be noted that stock gives its holders no special privilege in regard to the obtaining of licenses from the Foundation.

As will appear from the foregoing, this offer represents an opportunity, not to make a profitable investment, but to support an undertaking which the directors deem of vital importance and value both to your industry and to your country. This belief is based upon the following facts in regard to the personnel and purposes of the corporation.

The trustees, in whom under the trust agreement, the control of the Foundation will be lodged, are the following gentlemen, who have been serving for many months as the Advisory Committee which has passed upon all sales made by the Alien Property Custodian: Otto T. Bannard, Esq. (Chairman The New York Trust Company). Hon. George L. Ingraham (Late presiding Justice Appellate Division, New York Supreme Court). Cleveland H. Dodge, Esq. B. Howell Griswold, Jr., Esq. (Of Alexander Brown & Sons, Baltimore). Ralph Stone, Esq. (President, Detroit Trust Company). The officers and directors of the Foundation are as follows: President, Mr. Francis P. Garvan (The Alien Property Custodian). Vice-President, Col. Douglas I. McKay. Treasurer and Secretary, Mr. George J. Corbett. The legal advisers of the Foundation are the following: General Counsel, Mr. Joseph H. Choate, Jr. Patent Counsel, Mr. Ramsay Hoguet.

The Trust Agreement gives these trustees the power to fill vacancies in their board, so that during the continuance [145] of the trust, they will be a self-perpetuating body. They elect the directors of the Company, whose resignations are always in their hands.

To the Foundation as thus organized substantially all of the chemical, dye and allied patents and

processes acquired by the Alien Property Custodian with the exception of those which were included in the prior sale of the Bayer Co., Inc., have been sold by him for the sum of Two hundred and fifty thousand dollars ($250,000). These patents and processes cover a very wide field, the classification including metallurgy, fertilizers, fixation of nitrogen, hydrogenation of oils, etc., and in number approximate four thousand (4,000). The transfer thereof to the corporation has been completed. They will be used to encourage manufacturing thereunder in the United States and to prevent infringing importations from Germany or elsewhere.

Non-exclusive licenses will be granted to competent American manufacturers, whether stockholders or not, by the corporation upon reasonable and equal terms, subject to the power of the directors to refuse licenses when in their opinion the condition of the business is such as to make the grant of further licenses unfair, or disadvantageous to the public. Importations of infringing products will be prosecuted with all possible vigor and in view of the fact that many of the patents are product patents, an effort will be made to exclude infringing goods from any source whatsoever and thus give effective protection to a part of the new American chemical and dye industry.

The Alien Property Custodian has also seized certain trade-marks and copyrights covering indispensable literature of science, which have likewise been sold to the corporation and a plan is now being formulated under which it is hoped licenses may be issued to use the same.

The full powers which the corporation has under its charter to purchase or otherwise acquire such personal property as may be necessary, useful or advisable in [146] connection with any or all of the objects specified in its charter (particularly new patents), may be

taken advantage of, in order to stimulate chemical invention and at the same time to create a new field for its activities.

It is the intention of the Trustees and the Board of Directors to make the corporation eventually a center of research and thereby fulfill the provision of its charter which provides that "after the full redemption of the preferred stock, the net earnings of the corporation over and above such amounts as may be necessary for the purpose of working capital shall be used and devoted to the development and advancement of chemistry and allied sciences, in the useful arts and manufactures in the United States." If the patents and processes acquired prove to be as valuable as they at present appear, a considerable income will be available for research purposes. The corporation should form a link heretofore unknown between industrial and academic research, and be in a position to bring about co-operation between the laboratories of the universities and those of the chemical and dye works as close as that which has existed in Germany in the past.

Informal offers have already been received from important laboratories placing their facilities at the disposal of the corporation and resolutions having for their object the same purpose, are now pending before the governing bodies of various large Companies and Institutions.

The corporation intends to conduct a laboratory census of the United States, a step which it is believed has never been attempted; and as a result thereof, it is hoped that a Bureau of Information can be established wherein a scientist engaged in an important research may be able to ascertain where the resources most necessary to him can be obtained and what progress has been made in similar branches of research. The country's facilities for research would thus be rendered more available and material aid would no

doubt be rendered in the advancement of chemical science, particularly in medicine.

[147] Subscriptions must be made upon the enclosed form and must be accompanied by a certified check for one thousand dollars ($1,000), payable to the order of the Central Union Trust Company of New York, and both should be mailed to The Chemical Foundation, Inc., 81 Fulton St., New York City, N. Y. Such portions of such payments as represent subscriptions rejected in whole or in part will be promptly returned, but no interest will be allowed on such payments. Delivery may be made in the form of interim certificates, exchangeable for Definitive Preferred Stock and Voting Trust Certificates as soon as the same can be prepared.

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